# CLEMENT J. ZABLOCKI VA MEDICAL CENTER

5000 W. NATIONAL AVE. MILWAUKEE, WI

111 UPGRADE POOL LOCKER ROOMS PROJECT NO.: 695-14-114

Rooms

VA Medical Center, Milwaukee, WI

DI

August 28, 2015

AND GENERAL NOTES

Troy Martinson, PE

Approved: Project Director

Construction

and Facilities

Management

Department of Veterans Affairs

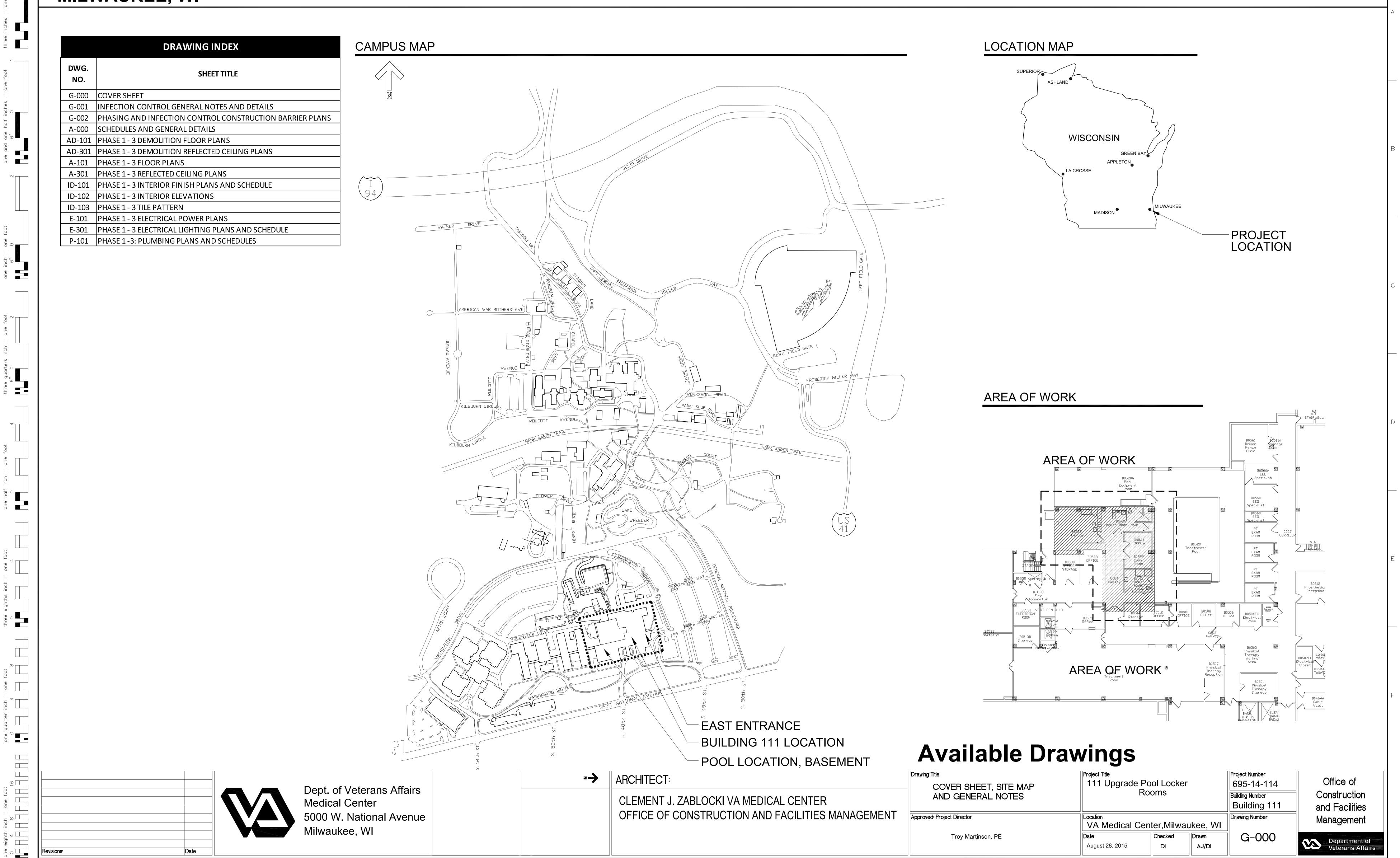
Building Number

Drawing Number

AJ/DI

Building 111

G-000



CLEMENT J. ZABLOCKI VA MEDICAL CENTER

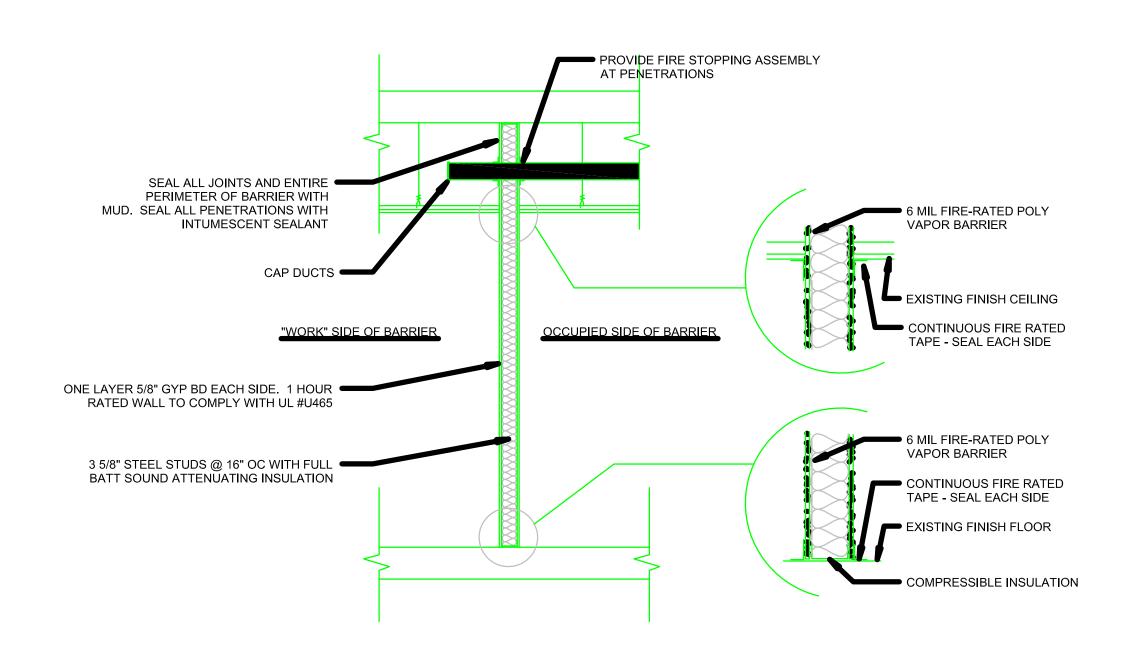
OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

Medical Center

Milwaukee, WI

5000 W. National Avenue

BLDG. 111, BASEMENT C WING SOUTH INFECTION CONTROL PLAN



2 INFECTION CONTROL / CONSTRUCTION BARRIER DETAIL

#### STEP ONE - IDENTIFY CONSTRUCTION ACTIVITY:

### **Inspection and Non-Invasive Activities.** Includes, but is not limited to: removal of ceiling tiles for visual inspection limited to 1 tile per 50 square feet painting (but not sanding)

wall covering, electrical trim work, minor plumbing, and activities which do not generate dust or require cutting of walls or access to ceilings other than for visual

Small scale, short duration activities which create minimal dust Includes, but is not limited to:

**TYPE B** • installation of telephone and computer cabling access to chase spaces

cutting of walls or ceiling where dust migration can be controlled. Work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies

Includes, but is not limited to: sanding of walls for painting or wall covering

TYPE C removal of floor coverings, ceiling tiles and casework

new wall construction

minor duct work or electrical work above ceilings

major cabling activities

 any activity that cannot be completed within a single work shift. Major demolition and construction projects

Includes, but is not limited to:

**TYPE D** • activities which require consecutive work shifts

requires heavy demolition or removal of a complete cabling system new construction.

#### STEP TWO - IDENTIFY PATIENT RISK GROUP:

| Low Risk       | Medium Risk   | High Risk  | Highest Risk  |
|----------------|---|--|---|
| • Office areas | <ul> <li>Cardiology</li> <li>Echocardiography</li> <li>Endoscopy</li> <li>Nuclear Medicine</li> <li>Physical Therapy</li> <li>Radiology/MRI</li> <li>Respiratory Therapy</li> </ul> | <ul> <li>CCU</li> <li>Emergency Room</li> <li>Labor &amp; Delivery</li> <li>Laboratories (specimen)</li> <li>Newborn Nursery</li> <li>Outpatient Surgery</li> <li>Pediatrics</li> <li>Pharmacy</li> <li>Post Anesthesia Care Unit</li> <li>Surgical Units</li> </ul> | <ul> <li>Any area caring for immunocompromised patients</li> <li>Burn Unit</li> <li>Cardiac Cath Lab</li> <li>Central Sterile Supply</li> <li>Intensive Care Units</li> <li>Medical Unit</li> <li>Negative pressure isolation rooms</li> <li>Oncology</li> <li>Operating rooms including C-section rooms</li> </ul> |

#### STEP THREE - IDENTIFY LEVEL OF INFECTION CONTROL ACTIVITIES REQUIRED:

| Construction Project Type                  |   |        |        |        |  |  |
|--|---|--------|--------|--------|--|--|
| Patient Risk Group TYPE A TYPE B TYPE C TY |   |        |        |        |  |  |
| LOW Risk Group                             | I | II     | П      | III/IV |  |  |
| MEDIUM Risk Group                          | I | II     | III    | IV     |  |  |
| HIGH Risk Group                            | I | II     | III/IV | IV     |  |  |
| HIGHEST Risk Group                         | П | III/IV | III/IV | IV     |  |  |

#### **DURING CONSTRUCTION PROJECT: UPON COMPLETION PROJECT:**

Department and thoroughly cleaned by the

ARCHITECT:

owner's Environmental Services Department.

1. Execute work by methods to minimize raising

| CLASS 1   | dust from construction operations.  Immediately replace a ceiling tile displaced for visual inspection   |  |
|-----------|--|--|
| CLASS II  | <ol> <li>Provide active means to prevent airborne dust from dispersing into atmosphere.</li> <li>Water mist work surfaces to control dust while cutting.</li> <li>Seal unused doors with duct tape.</li> <li>Block off and seal air vents.</li> <li>Place dust mat at entrance and exit of work area</li> <li>*Remove or isolate HVAC system in areas where work is being performed.</li> </ol>  | <ol> <li>Wipe work surfaces with disinfectant.</li> <li>Contain construction waste before transport in tightly covered containers.</li> <li>Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area.</li> <li>Remove isolation of HVAC system in areas where work is being performed.</li> </ol>  |
| CLASS III | <ol> <li>*Remove or Isolate HVAC system in area where work is being done to prevent contamination of duct system.</li> <li>Complete all critical barriers i.e. sheetrock, plywood, plastic, to seal area from non-work area or implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins.</li> <li>Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.</li> <li>Contain construction waste before transport in tightly covered containers.</li> <li>Cover transport receptacles or carts. Tape covering unless solid lid.</li> <li>* Use window for negative HEPA air exhaust when accessible. Obtain V.A, resident engineer approval for exhausting in existing exhaust ductwork.</li> </ol>  | <ol> <li>Do not remove barriers from work area until completed project is inspected by the owner's Safety Department and Infection Control Department and thoroughly cleaned by the owner's Environmental Services Department.</li> <li>Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction.</li> <li>Vacuum work area with HEPA filtered vacuums.</li> <li>Wet mop area with disinfectant.</li> <li>Remove isolation of HVAC system in areas where work is being performed.</li> </ol> |
| CLASS IV  | <ol> <li>Isolate HVAC system in area where work is being done to prevent contamination of duct system.</li> <li>Complete all critical barriers i.e. sheetrock, plywood, plastic, to seal area from non-work area or implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins.</li> <li>Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.</li> <li>Seal holes, pipes, conduits, and punctures appropriately.</li> <li>Construct anteroom and require all personnel to pass through this room so they can be vacuumed using a HEPA vacuum cleaner before leaving work site or they can wear cloth or paper coveralls that are removed each time they leave the work site.</li> <li>All personnel entering work site are required to wear shoe covers. Shoe covers must be changed each time the worker exits the work area.</li> <li>Do not remove barriers from work area until completed project is inspected by the owner's Safety Department and Infection Control</li> </ol> | <ol> <li>Remove barrier material carefully to minimize spreading of dirt and debris associated with construction.</li> <li>Contain construction waste before transport in tightly covered containers.</li> <li>Cover transport receptacles or carts. Tape covering unless solid lid</li> <li>Vacuum work area with HEPA filtered vacuums.</li> <li>Wet mop area with disinfectant.</li> <li>Remove isolation of HVAC system in areas where work is being performed.</li> </ol>   |

## **GRAPHIC LEGEND**

2 HOUR FIRE BARRIER 1 HOUR FIRE BARRIER

2 HOUR FIRE/SMOKE BARRIER 1 HOUR FIRE/SMOKE BARRIER 30 MINUTE SMOKE BARRIER

SMOKE RESISTIVE HAZARDOUS AREA

HORIZONTAL EXIT PASSAGEWAY

EX **EXIT PASSAGEWAY** LINEN CHUTE

TRASH CHUTE SUITE DESIGNATIONS

AREA OPEN TO CORRIDOR - WITH SMOKE DETECTION

AREA OPEN TO CORRIDOR - NO SMOKE DETECTION REQUIRED

# **INFECTION CONTROL KEY**



# **BUILDING 111 OCCUPANCY**

BUSINESS: AMBULATORY: 495,766 SF 201,362 SF

#### **INFECTION CONTROL GENERAL NOTES**

- 1. THE INTENT OF INFECTION CONTROL IS TO PROTECT PATIENTS IN THE HOSPITAL WHICH HAVE LOW IMMUNE LEVELS. THEREFORE, CONSTRUCTION OPERATIONS NEED TO BE DIRECTED TO CONTAIN DUST AND PARTICULATE MATTER TO THE CONSTRUCTION AREA. CONSTRUCTION AREA PERIMETER NEEDS TO BE SEALED COMPLETELY WITH MIN. 4 MIL FIRE-RATED POLY AND FIRE-RATED TAPE DURING CLASS II, III, IV OPERATIONS.
- 2. CONSTRUCT IC (INFECTION CONTROL) CONSTRUCTION BARRIER FROM FLOOR TO DECK/FLOOR ABOVE. SEE SHEET G-001 FOR DETAILS. EXCEPTION: IF BARRIER IS ADJACENT TO A SMOKE, FIRE OR EXISTING WALL CONSTRUCTION WHICH WILL NOT BE DEMOLISHED AND TERMINATES TO THE FLOOR OR DECK ABOVE, THEN CONSTRUCT IC BARRIER FROM FLOOR TO ABOVE CORRIDOR CEILING WITH 6 MIL POLY BEING SEALED ON ALL EDGES: FLOOR, TOP OF WALL, SIDES, AND ALL PENETRATIONS.
- 3. DURING CONSTRUCTION OPERATION IN EACH ENCLOSED AREA PROVIDE TRIATEK ISOLATION MONITORS, MINIMUM (1) ONE IN AREAS LESS THAN 1,000 SF. (2) TWO MINIMUM IN AREAS BETWEEN 1,000 SF AND 5,000 SF, AND (3) THREE FOR AREAS BETWEEN 5,000 SF AND 10,000 SF INSTALL NEW YELLOW CONSTRUCTION DOOR. NOTE THAT ONLY (3) SETS OF YELLOW CONSTRUCTION DOORS WITH RECOGNITION SOURCE HARDWARE SHOULD BE NEEDED DEPENDING ON VA RESIDENT ENGINEER APPROVED CONSTRUCTION MEANS AND METHODS PHASING CONSTRUCTION OPERATIONS. EGRESS IS TO BE MAINTAINED TO THE STAIRWELLS AT ALL TIMES.
- 4. PROVIDE TRIATEK ISOLATION MONITORS DURING CLASS III OR CLASS IV CONSTRUCTION OPERATIONS. EACH AREA TO BE UNDER NEGATIVE PRESSURE (0.22" WC) DURING THESE OPERATIONS. MONITOR TO MEASURE PRESSURE DIFFERENTIAL BETWEEN CONSTRUCTION AREA AND ADJACENT CORRIDOR OR ROOM AS DIRECTED BY VA COR.
- 5. THE CONTRACTOR SHALL PROVIDE ENOUGH NEGATIVE AIR MACHINES TO COMPLETELY EXCHANGE THE REGULATED AREA AIR VOLUME (4) FOUR ACTUAL TIMES PER HOUR. THE COMPETENT PERSON SHALL DETERMINE THE NUMBER OF UNITS NEEDED FOR EACH REGULATED AREA BY DIVIDING THE CUBIC FEET IN THE REGULATED AREA BY (15) FIFTEEN AND THEN DIVIDING THE ACTUAL CUBIC FEET PER MINUTE (CFM) FOR EACH UNIT TO DETERMINE THE NUMBER OF UNITS NEEDED TO EFFECT (4) FOUR AIR CHANGES PER HOUR. PROVIDE STANDBY UNIT IN THE EVENT OF MACHINE FAILURE AND/OR EMERGENCY IN AN ADJACENT AREA.
- 6. REFER TO SPECIFICATIONS SECTION 010110 FOR TEMPORARY INFECTION CONTROL BARRIER WALL CONSTRUCTION DETAIL. GENERAL CONTRACTOR SHALL PROVIDE NEW CONSTRUCTION ACCESS DOORS AND PROXIMITY CARD READERS AT ALL BARRIERS. MAINTAIN ALL INFECTION CONTROL STANDARDS. CONTROL BARRIERS ARE TO BE INSTALLED AND REMOVED ONLY BEFORE 7:00 A.M. AND AFTER 8:00 P.M.
- 7. A PORTION OF THE CORRIDOR MAY BE MADE AVAILABLE TO CREATE AN INFECTION CONTROL AREAS; HOWEVER, A MINIMUM OF 5 FEET MUST BE MAINTAINED OPEN FOR THE MOVEMENT OF PERSONNEL. THE CORRIDOR WILL NOT BE CLOSED OFF.
- 8. PRIOR TO ANY REMOVAL OF SMOKE BARRIER FIRE RATED WALLS, CONSTRUCT NEW SMOKE BARRIER/APPRORIATE FIRE RATED WALLS PER NEW PLANS OR CONSTRUCT INFECTION CONTROL BARRIER TO ACT AS SMOKE BARRIER.
- 9. ALL CONSTRUCTION DEBRIS, WASTE, AND TRANSPORTATION OF DEMOLITION ITEMS SHALL BE CONVEYED IN A COVERED DUMPSTER CONTAINER SUCH THAT NO DEBRIS/ITEMS ARE VISIBLE. ALL CONTAINERS SHALL BE TRANSPORTED DOWN THE "B" BANK FREIGHT ELEVATORS (A DESIGNATED ELEVATOR WILL NOT BE PROVIDED FOR TRANSPORTATION). A MINIMUM OF ONE RUNOFF MAT ON THE INSIDE AND A MINIMUM OF TWO RUNOFF MATS ON THE OUTSIDE SHALL BE PROVIDED FOR THE
- 10. PROVIDE BALANCING DAMPER IN THE BRANCH SUPPLY & EXHAUST DUCT WORK SERVING THE AFFECTED AREA. BALANCE AIR FLOW TO PROVIDE NEGATIVE AIR FLOW IN CONSTRUCTION ZONE AT ALL TIMES AS INDICATED BELOW. DAMPERS TO REMAIN IN DUCT AFTER CONSTRUCTION IS COMPLETE AND IS TO BE SECURED IN FINAL BALANCING POSITION PRIOR TO TURNING SYSTEM OVER FOR OCCUPANCY.
- 11. IT IS TO BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROPERLY MAINTAIN INFECTION CONTROL ACCORDING TO VA GUIDELINES.
- 12. ANY WORK TO BE COMPLETED OUTSIDE OF THE DESIGNATED INFECTION CONTROL AREAS WILL
- NEED TO COMPLY WITH VA GUIDELINES WITH THE USE OF PROPER CONSTRUCTION BARRIERS. 13. ANY WORK TO BE COMPLETED IN A SINGLE SHIFT SHOULD BE CONDUCTED DURING 'OFF HOURS' TO
- 14. ANY OPENINGS CREATED DURING CONSTRUCTION THAT WILL NOT BE CLOSED BEFORE THE END OF A WORK SHIFT SHALL BE COVERED ACCORDING TO VA GUIDELINES TO MAINTAIN INFECTION
- CONTROL STANDARDS (I.E. PLASTIC SHEETING SEALING OFF OPEN CEILINGS).. 15. ALL CUTTING AND PATCHING OF EXISTING STRUCTURE SHALL BE COORDINATED BY THE G.C. PATCH
- ALL SURFACES TO MATCH EXISTING CONSTRUCTION AND FINISHES. 16. CONTRACTOR SHALL PROVIDE PROTECTION FOR DOORS, DOORS FRAMES, CABINETRY, ETC. DURING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ALL REPAIRS TO DAMAGED DOORS,
- 17. REFERENCE SPECIFICATION SECTION 0101101C.

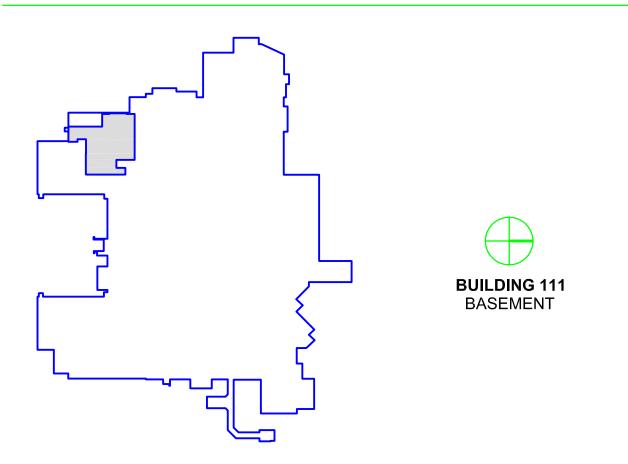
MINIMIZE INTERFERENCE WITH VA OPERATION.

- 18. EXECUTE WORK METHODS TO MINIMIZE DUST FROM CONSTRUCTION OPERATIONS. PROVIDE ACTIVE MEANS TO PREVENT AIRBORNE DUST FROM DISPERSING INTO THE ATMOSHPERE.
- 19. WATER MIST WORK SURFACES TO CONTROL DUST WHILE CUTTING.

WALLS, FLOORS, CEILINGS, ETC. CAUSED BY CONSTRUCTION WORK.

- 20. BLOCK OFF AND SEAL AIR VENTS.
- 21. ISOLATE HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED TO PREVENT CONTAMINATION OF DUST.
- 22. PERMITS REQUIRED:
- A. <u>CEILING PERMIT:</u> REQUIRED ANYTIME CEILING TILE OR DRYWALL CEILING IS ACCESSED OR
- B. OUTAGE: REQUIRED FOR ANY INTERRUPTION TO ANY SERVICE I.E. POWER, LIGHTING, WATER, HOT WATER CORRIDORS, ROOMS, ETC. AS DEFINED BY THE VA.
- OBTAIN PERMITS FROM ENGINEERING OFFICE. CEILING PERMITS REQUIRE 1 DAY NOTICE. OUTAGE PERMITS REQUIRE 2 WEEK NOTICE.
- 23. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL FINISHES, FURNITURE AND EQUIPMENT IN EXISTING AREAS AFFECTED BY PROJECT WORK SCOPE. REPAIR OR REPLACE ANY/ALL DAMAGED MATERIALS/COMPONENTS TO MATCH EXISTING TO VA'S COMPLETE
- 24. THIS IS A TYPE D, CLASS IV INFECTION CONTROL CLASS.
- **UPON COMPLETION OF THE PROJECT:**
- WIPE SURFACES WITH DISINFECTANT.
- 2. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS.
- 3. WET MOP/AND OR VACUUM HITH HEPA FILTERED VACUUM BEFORE LEAVING WORK AREA.
- 4. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.

# **KEY PLAN**



Project Number

**Building Number** 

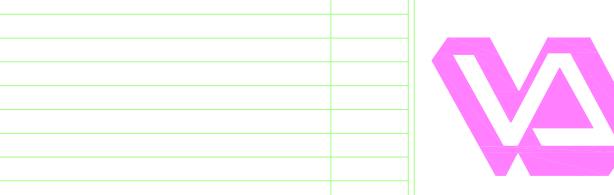
Drawing Number

695-14-114

Building 111

G-001

# PRINT THIS SHEET IN COLOR



-

one

one eighth inch = one foot

0 4 8 16

Dept. of Veterans Affairs **Medical Center** 5000 W. National Avenue Milwaukee, WI

CLEMENT J. ZABLOCKI VA MEDICAL CENTER OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

Approved: Project Director

Drawing Title INFECTION CONTROL

Troy Martinson, PE

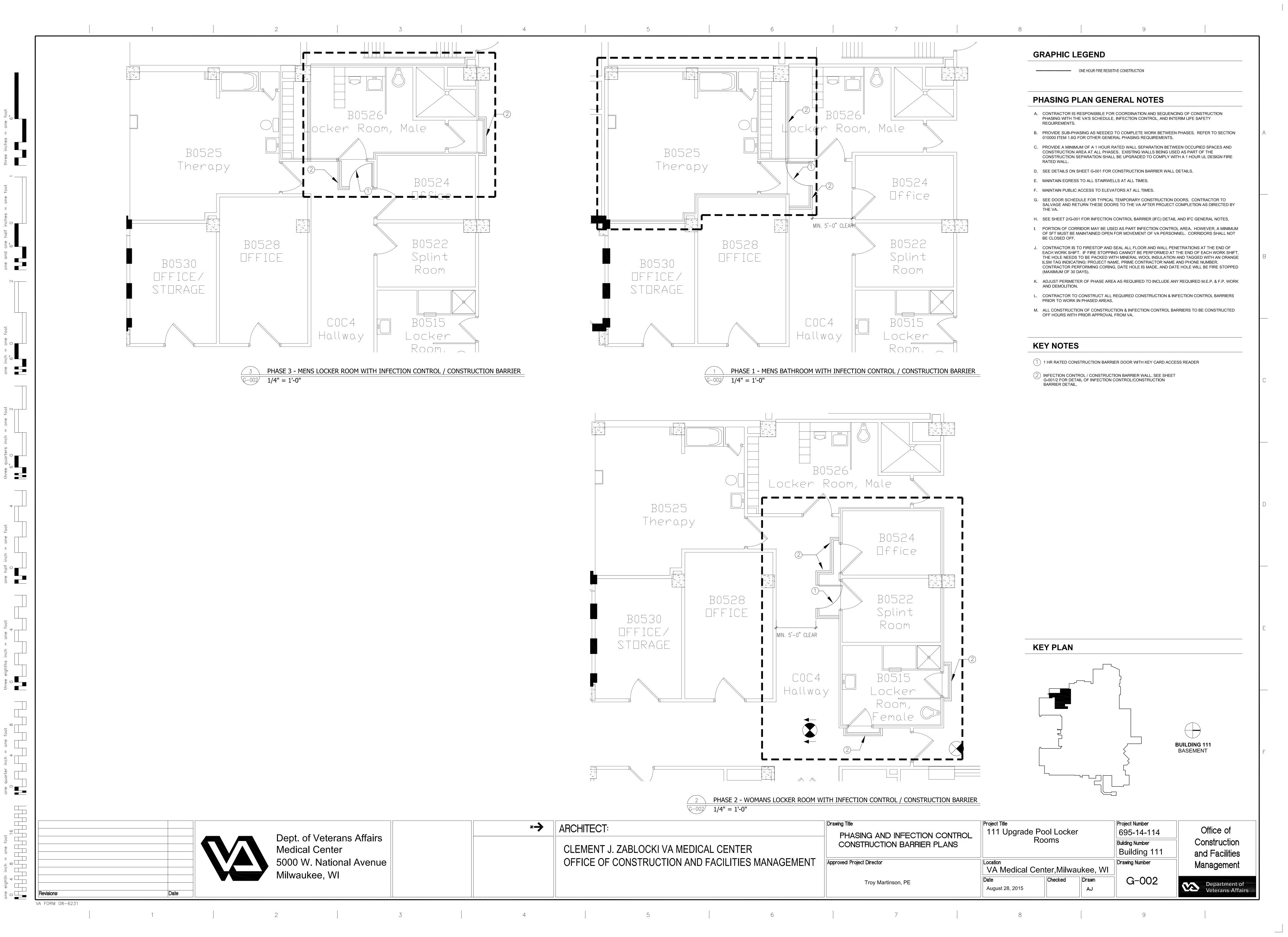
111 Upgrade Pool Locker GENERAL NOTES AND DETAIL

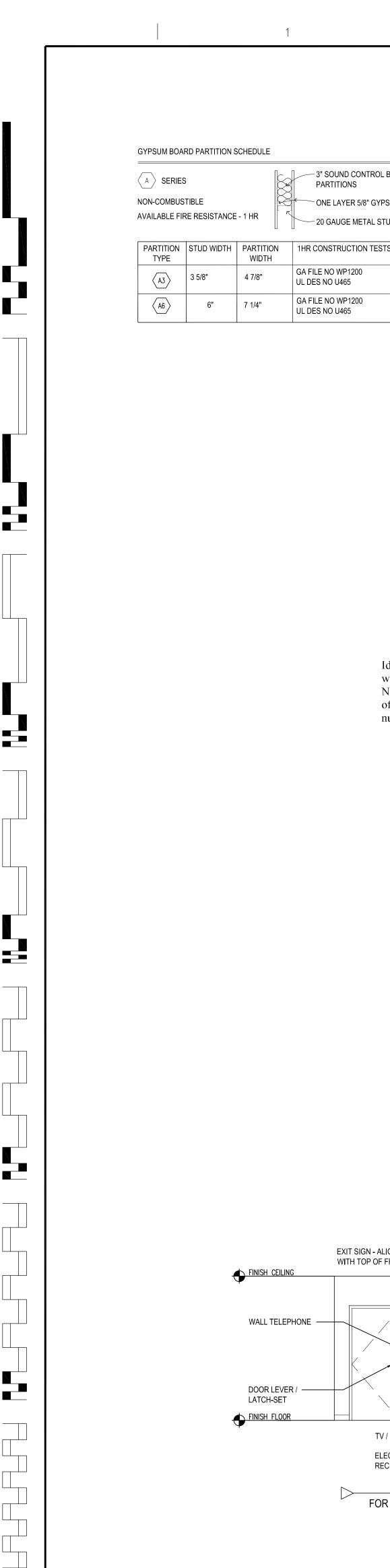
Rooms VA Medical Center, Milwaukee, WI August 28, 2015 DI AJ

Project Title

Office of Construction and Facilities Management

Department of Veterans Affairs





one eighth inch = one foot

0 4 8 16

VA FORM 08-6231

3" SOUND CONTROL BATT INSULATION (EXCEPT AS NOTED BELOW) AT ACOUSTIC RATED ONE LAYER 5/8" GYPSUM BOARD - EACH SIDE — 20 GAUGE METAL STUDS @ 1'-4" OC

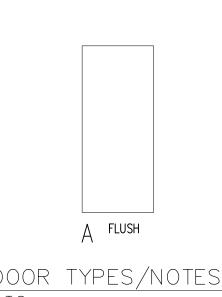
| PARTITION | STUD WIDTH | PARTITION | 1HR CONSTRUCTION TESTS              | STC     |       | NOTES  | NOMINAL               |
|-----------|------------|-----------|-------------------------------------|---------|-------|--|-----------------------|
| TYPE      |            | WIDTH     |                                     | W/O INS | W/INS | NOTES  | DIMENSION             |
| A3        | 3 5/8"     | 4 7/8"    | GA FILE NO WP1200<br>UL DES NO U465 | 40-44   | 49    | STORAGE AREAS NO INSULATION, ALL OTHER 3 5/8" GLASS FIBER BATT INS | 5"                    |
| (A6)      | 6"         | 7 1/4"    | GA FILE NO WP1200<br>UL DES NO U465 | 40-44   | 49    |  | VARIES - SEE<br>A-101 |





Identification signs for Normal Power System equipment shall be laminated black phenolic resin with a white core with engraved lettering. Identification signs for Essential Electrical System (EES) equipment, as defined in the NEC, shall be laminated red phenolic resin with a white core with engraved lettering. Lettering shall be a minimum of 12 mm (1/2 inch) high. Identification signs shall indicate equipment designation, rated bus amperage, voltage, number of phases, number of wires, and type of EES power branch as applicable. Secure nameplates with screws.

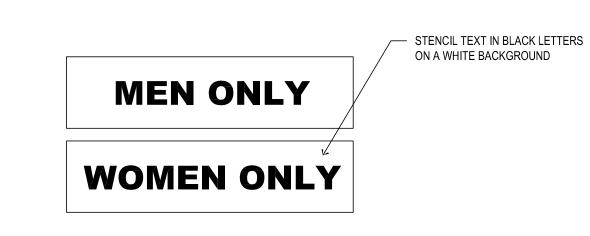




- GENERAL DOOR NOTES Door number is identical to number of room in which door
- In cases of multiple doors in one room, suffixes are added to

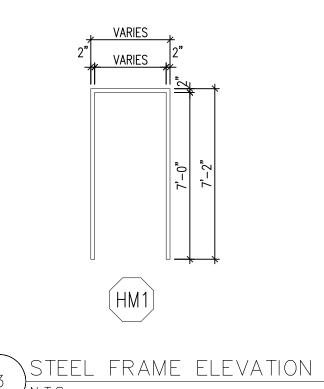
All doors are 1-3/4" thick, unless noted otherwise.



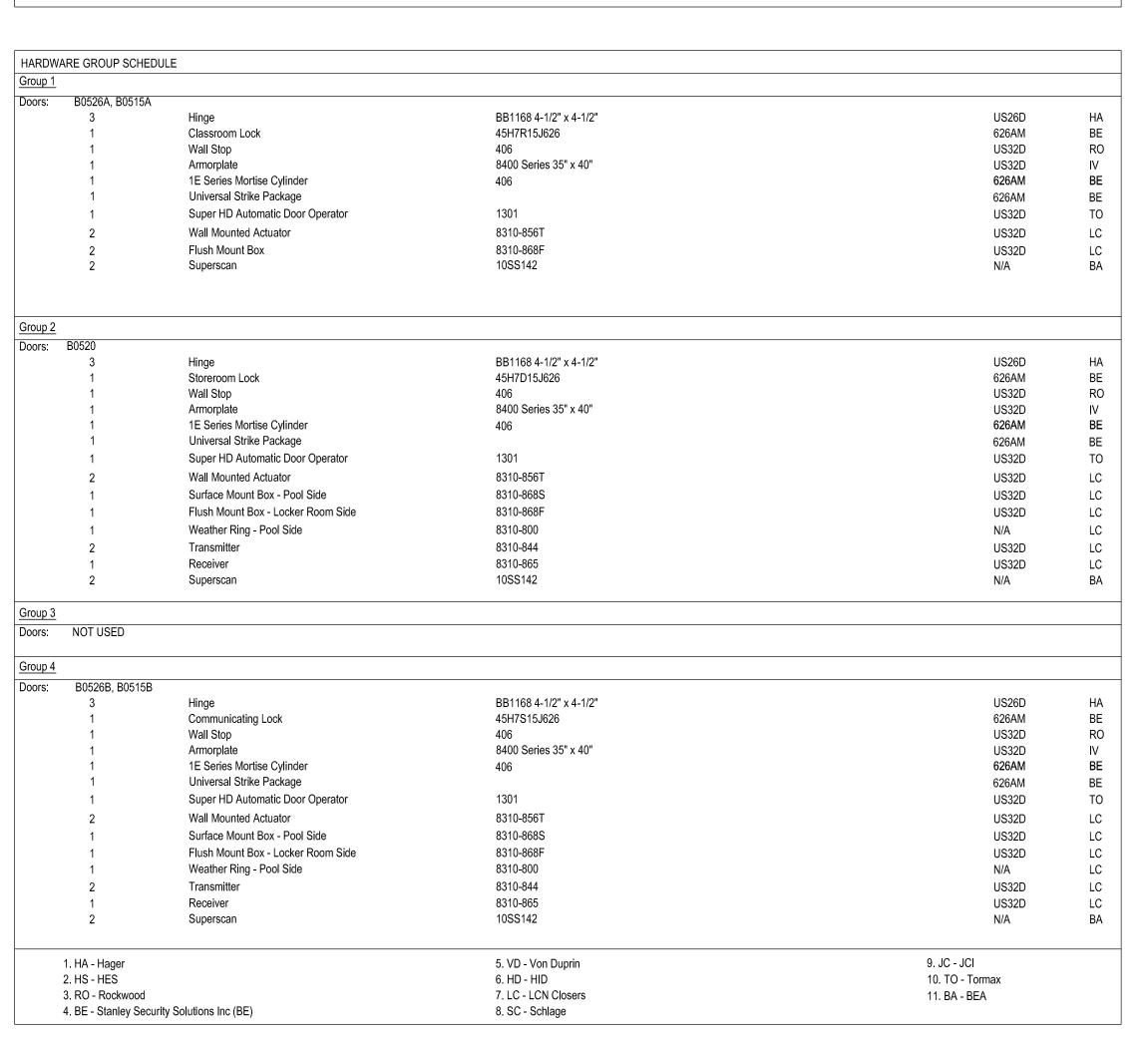


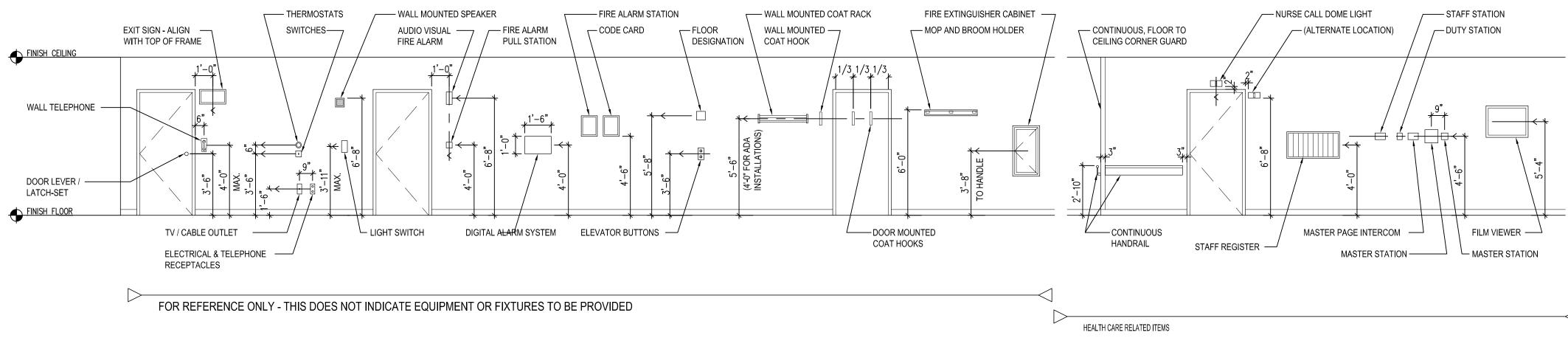
TYPICAL MAGNETIC SIGNAGE

 Contractor to provide Signage, VA will be responsible to relocate magnetic signs based on program schedule

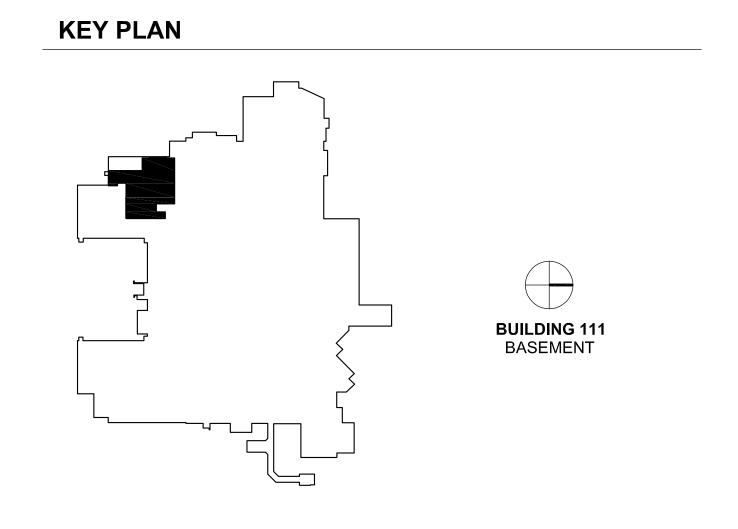


DOOR SCHEDULE Project Title: 111 Upgrade Pool Locker Rooms Project No. 695-14-114 DOOR ROOM NO. NO. BO526A B0526 MENS LOCKER ROOM B0526B B0526 MENS LOCKER ROOM 3'-6" x 7'-0" 45 MIN B0515A B0515 WOMENS LOCKER ROOM 3'-0" x 7'-0" A MTL PA-2 A MTL PA-2 45 MIN B0515B B0515 WOMENS LOCKER ROOM 3'-6" x 7'-0" B0520 B0520 POOL MEASURE EXISTING 45 MIN IFC/CB-1 | TEMPORARY IFC/CB DOOR A MTL 1,2,3 45 MIN IFC/CB-2 | IFC/CB-2 | TEMPORARY IFC/CB DOOR A MTL NOTES: ALL DOORS TO BE ROTARY CUT BIRCH WITH CLEAR STAIN TO MATCH EXISTING UNLESS NOTED OTHERWISE ALL HARDWARE PREP DONE PRIOR TO PREFINISHING ACROVYN 45 MIN RATED RED DOOR. 2 DOOR TO BE REUSED FOR EACH PHASE 3 PROVIDE TEMPORARY CARD READER FOR IFC-CB DOOR. 4 EXISITING HARDWARE TO REMAIN, CONTRACTOR TO PAINT DOOR AND FRAME ON BOTH SIDES 5 CONTRACTOR TO PROVIDE AND MOUNT A PERMANENT 12"x18" PHOTOILLUMINICIENT "POOL - NOT AN EXIT" SIGNAGE ON THE LOCKER ROOM SIDE OF THE DOOR









Office of

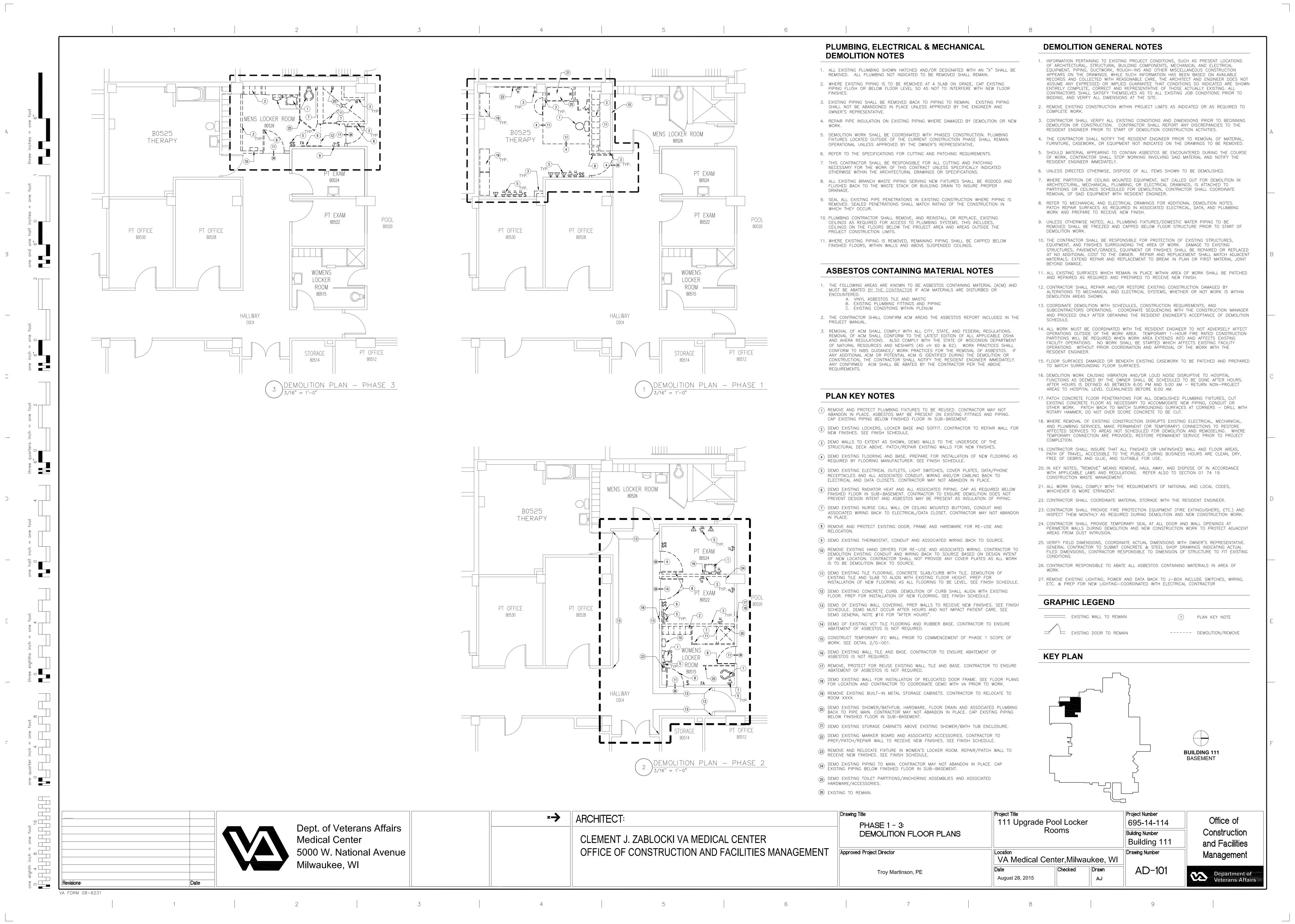
Construction

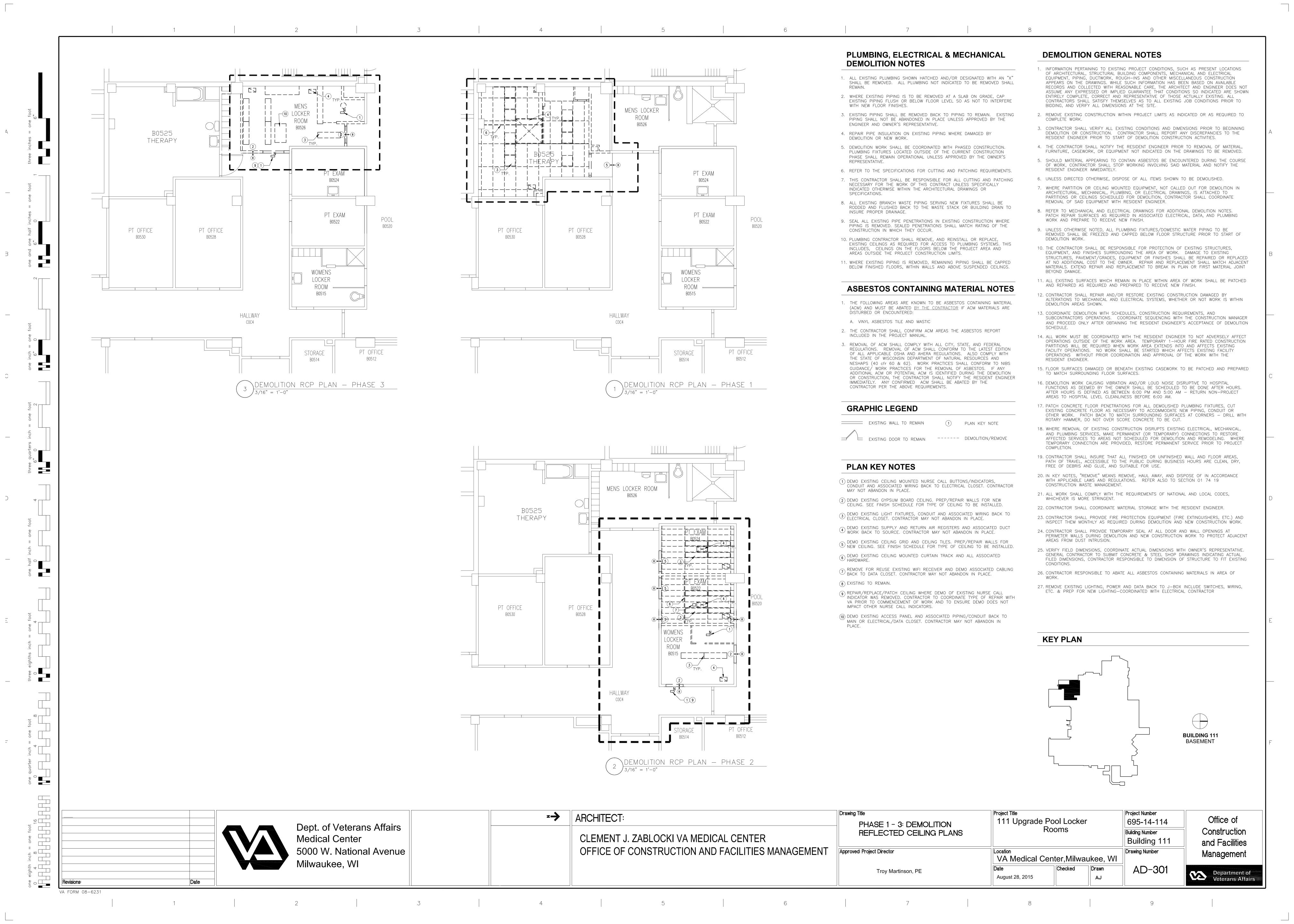
and Facilities

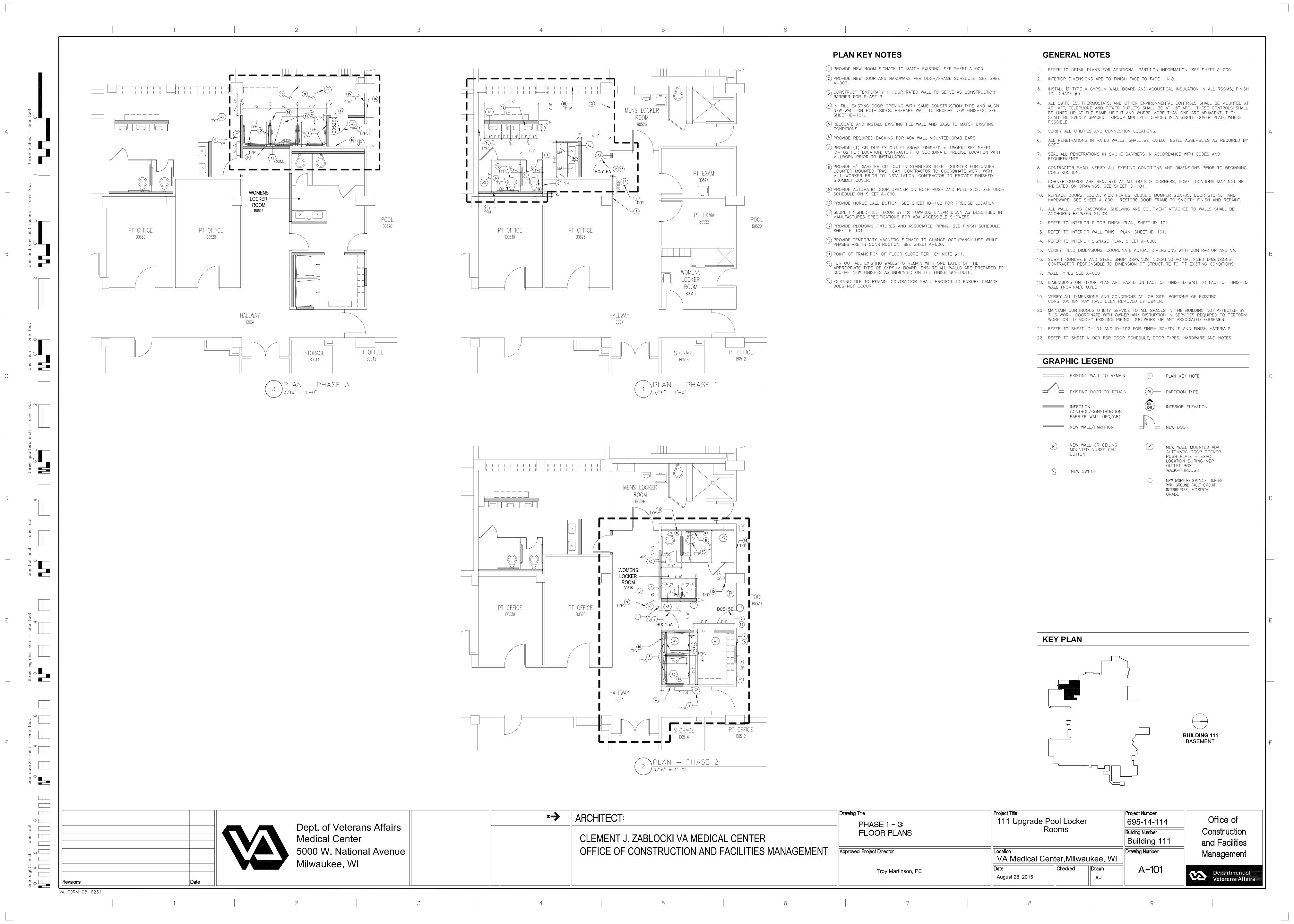
Management

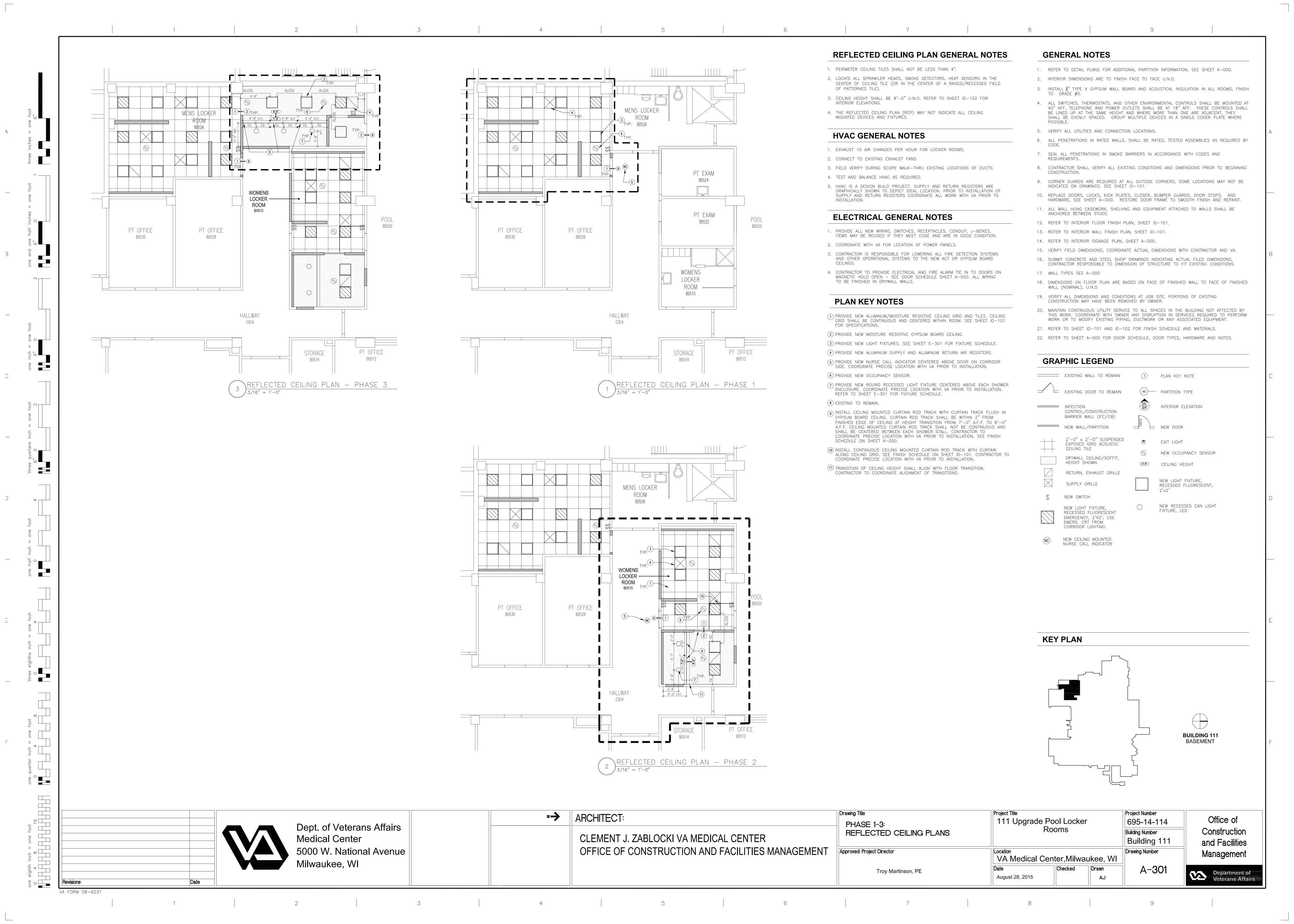
| z <del>\</del> | ARCHITECT:   |
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|                | CLEMENT J. ZABLOCKI VA MEDICAL CENTER OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT |

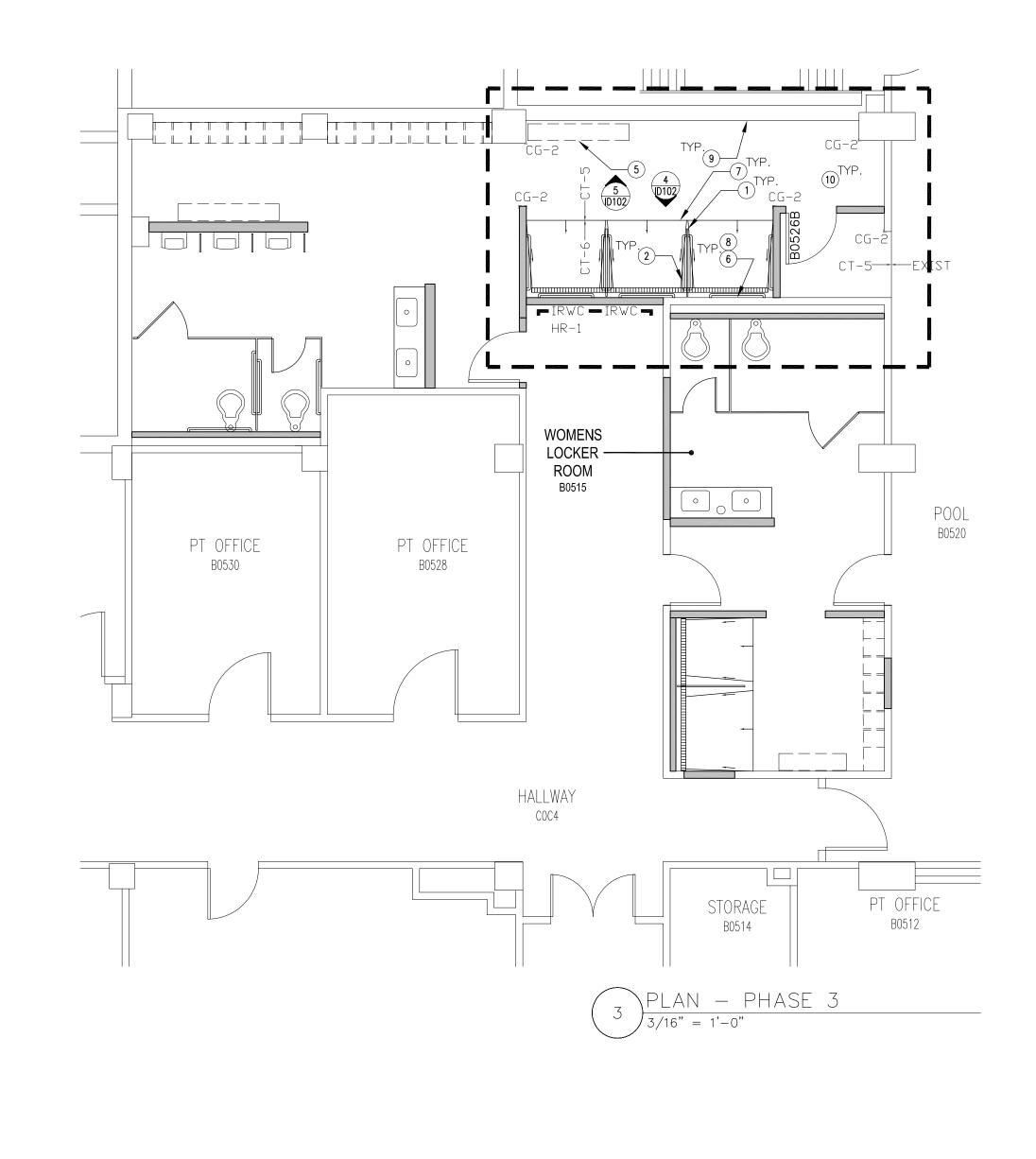
| Drawing Title SCHEDULES AND |                             | Project Title 111 Upgrade Pool Locker Rooms |             |                |   |
|-----------------------------|-----------------------------|---|-------------|----------------|---|
| GENERAL DETAILS             |                             |   |             |                |   |
| Approved: Project Director  | Location<br>VA Medical C    | Center,Milw                                 | aukee, WI   | Drawing Number |   |
| Troy Martinson, PE          | <b>Date</b> August 28, 2015 | Checked                                     | Drawn<br>AJ | A-000          | Z |

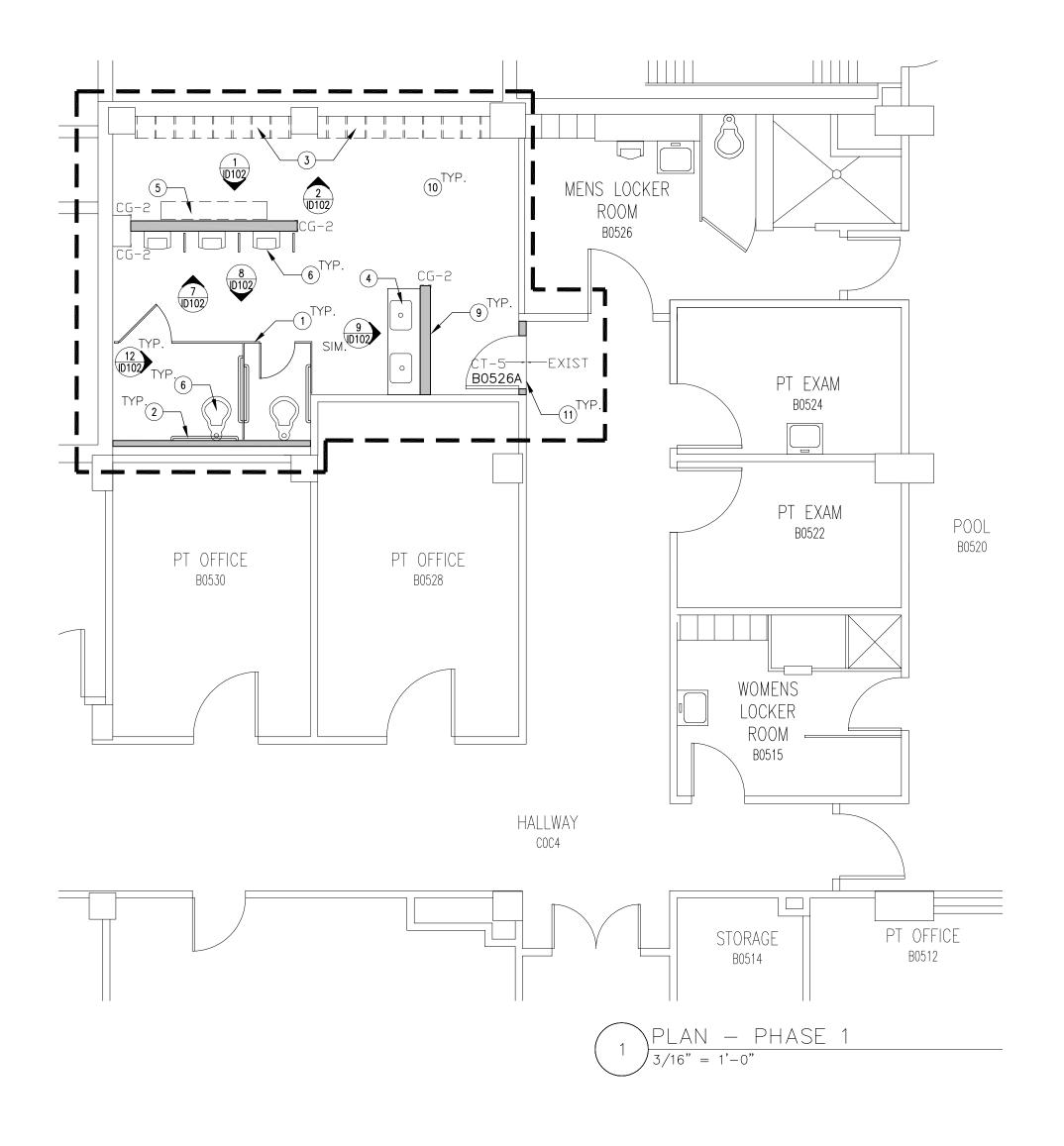


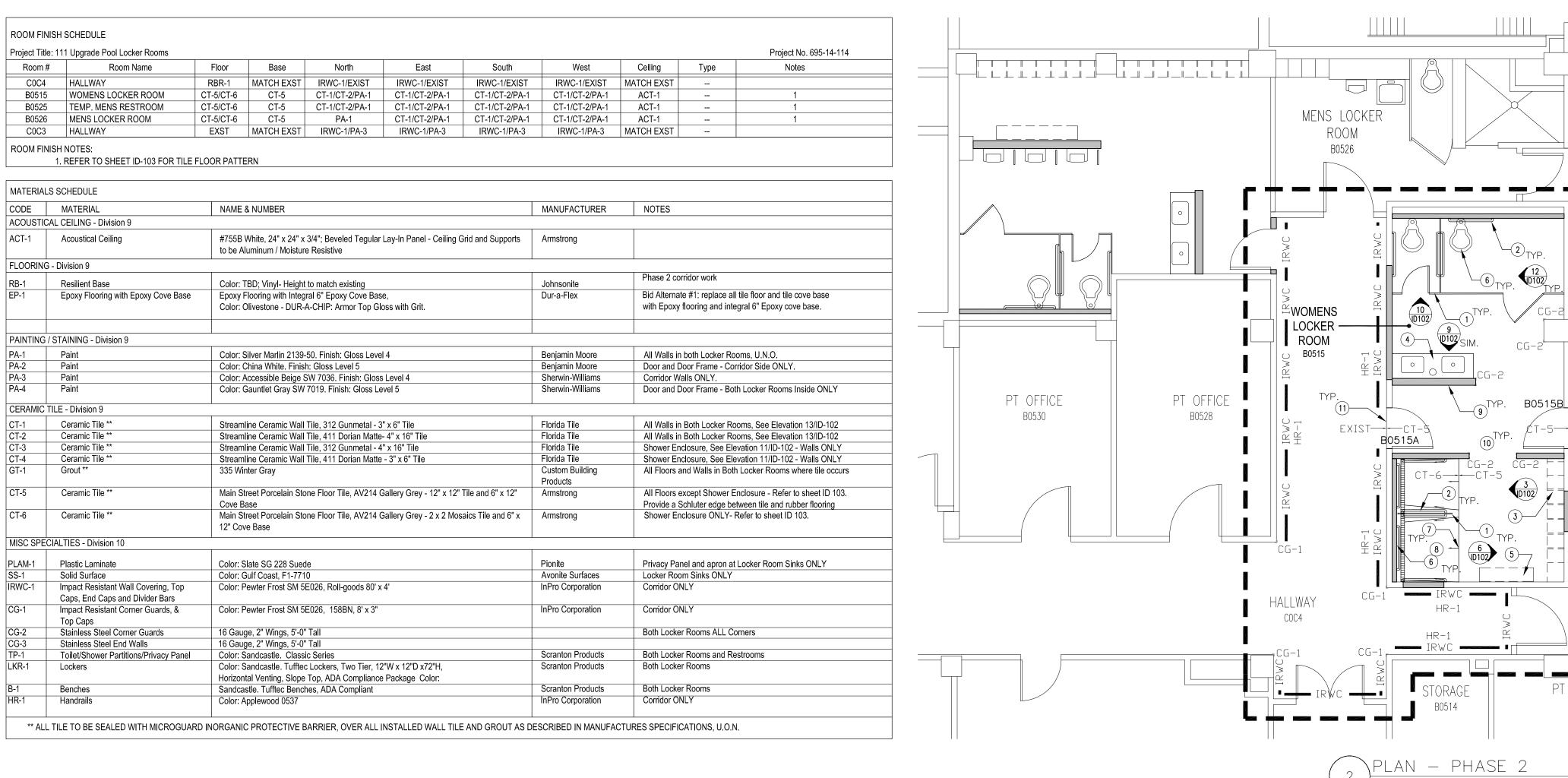












#### **PLAN KEY NOTES**

- (1) PROVIDE NEW TOILET PARTITIONS.
- (2) PROVIDE NEW ADA GRAB BARS AND REFER TO SHEET ID-102 FOR MOUNTING
- (3) PROVIDE NEW LOCKERS.

PRIOR TO INSTALLATION.

- PROVIDE NEW DOUBLE SINK VANITY. SEE SHEET P-101 FOR FIXTURE SCHEDULE. REFER TO ELEVATIONS FOR DIMENSIONS SEE SHEET ID-102.
- (5) PROVIDE NEW FLOOR MOUNTED BENCH. COORDINATE PRECISE LOCATION WITH VA
- (6) PROVIDE NEW PLUMBING FIXTURES AND REQUIRED PIPING TO BE TIED INTO EXISTING FACILITY. SEE SHEET P-101 FOR FIXTURE SCHEDULE. REFER TO ELEVATIONS SEE SHEET ID-102.
- 7 SLOPE FINISHED FLOOR BY 1% TOWARDS LINEAR DRAIN AS DESCRIBED IN MANUFACTURES SPECIFICATIONS FOR ADA ACCESSIBLE SHOWERS. ARROWS ON
- PLAN INDICATED DIRECTION OF FLOORING TO BE SLOPED AND WHERE SLOPE (8) SEE SHEET ID-102/13 FOR TYPICAL WALL TILE PATTERN FOR SHOWER AREA.
- (9) SEE SHEET ID-102/11 FOR TYPICAL WALL TILE PATTERN.
- (10) SEE SHEET ID-103 FOR TYPICAL FLOOR TILE PATTERN.
- (11) CONTRACTOR TO INSTALL SCHLUTER EDGE BETWEEN TILE FLOOR AND CORRIDOR FLOORING AS SPECIFIED BY MANUFACTURERS SPECIFICATIONS.

#### **GENERAL NOTES**

- 1. REFER TO DETAIL PLANS FOR ADDITIONAL PARTITION INFORMATION, SEE SHEET A-000.
- 2. INTERIOR DIMENSIONS ARE TO FINISH FACE TO FINISH FACE U.N.O.
- 3. INSTALL §" TYPE X GYPSUM WALL BOARD AND ACOUSTICAL INSULATION IN ALL ROOMS, FINISH TO GRADE #5.
- 4. ALL SWITCHES, THERMOSTATS, AND OTHER ENVIRONMENTAL CONTROLS SHALL BE MOUNTED AT 40" A.F.F., TELEPHONE AND POWER OUTLETS SHALL BE AT 18" AFF. THESE CONTROLS SHALL BE LINED UP AT THE SAME HEIGHT AND WHERE MORE THAN ONE ARE ADJACENT, THEY SHALL BE EVENLY SPACED. GROUP MULTIPLE DEVICES IN A SINGLE COVER PLATE
- 5. VERIFY ALL UTILITIES AND CONNECTION LOCATIONS.
- 6. ALL PENETRATIONS IN RATED WALLS, SHALL BE RATED, TESTED ASSEMBLIES AS REQUIRED BY
- 7. SEAL ALL PENETRATIONS IN SMOKE BARRIERS IN ACCORDANCE WITH CODES AND REQUIREMENTS.
- 8. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING CONSTRUCTION.
- 9. CORNER GUARDS ARE REQUIRED AT ALL OUTSIDE CORNERS, SOME LOCATIONS MAY NOT BE
- INDICATED ON DRAWINGS. SEE THIS SHEET FOR ADDITIONAL LOCATIONS. 10. REPLACE DOORS, LOCKS, KICK PLATES, CLOSER, BUMPER GUARDS, DOOR STOPS, AND
- HARDWARE, SEE SHEET A-000. RESTORE DOOR FRAME TO SMOOTH FINISH AND REPAINT. 11. ALL WALL HUNG CASEWORK, SHELVING AND EQUIPMENT ATTACHED TO WALLS SHALL BE
- 12. REFER TO INTERIOR FLOOR FINISH PLAN, THIS SHEET.
- 13. REFER TO INTERIOR WALL FINISH PLAN, THIS SHEET.

ANCHORED BETWEEN STUDS.

- 14. REFER TO INTERIOR SIGNAGE PLAN, SHEET A-000.
- 15. VERIFY FIELD DIMENSIONS, COORDINATE ACTUAL DIMENSIONS WITH CONTRACTOR AND VA.
- 16. SUBMIT CONCRETE AND STEEL SHOP DRAWINGS INDICATING ACTUAL FILED DIMENSIONS, CONTRACTOR RESPONSIBLE TO DIMENSION OF STRUCTURE TO FIT EXISTING CONDITIONS.
- 17. WALL TYPES SEE A-000
- 18. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL), U.N.O.
- 19. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.
- 20. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM
- WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT. 21. REFER TO THIS SHEET FOR FINISH AND MATERIAL SCHEDULE.
- 22. REFER TO SHEET A-000 FOR DOOR SCHEDULE, DOOR TYPES, HARDWARE AND NOTES.



EXISTING WALL TO REMAIN

EXISTING DOOR TO REMAIN ⟨A6⟩ PARTITION TYPE INTERIOR ELEVATION ===== INFECTION CONTROL/CONSTRUCTION

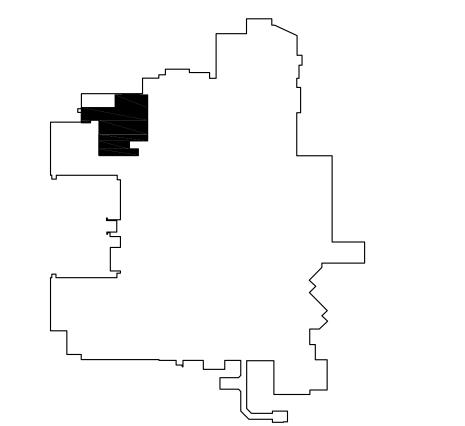
BARRIER WALL (IFC/CB) NEW WALL/PARTITION 

→ DESIGNATES FLOOR PATTERN/GRAIN DIRECTION

# **FINISH PLAN GENERAL NOTES**

- 1. PRIOR TO FLOORING INSTALLATION, SCHEDULE A PRE-INSTALLATION CONFERENCE ON SITE WITH INTERIOR DESIGNER/ARCHITECT TO COORDINATE LAYOUT.
- 2. RESILIENT BASE PROFILE TO BE COVED ON HARD SURFACE FLOORING AND STRAIGHT
- 3. EPOXY FLOORING TO BE COVED 6" ABOVE FLOORING. PROVIDE ALUMINUM TOP CAP WITH CLEAR SILICONE BEAD.
- 4. PROVIDE A FLUSH TRANSITION BETWEEN DIFFERENT FLOORING MATERIALS OF VARYING HEIGHTS. PROVIDE TRANSITION STRIPS AS NECESSARY. INTERIOR DESIGNER TO SELECT COLOR FROM MANUFACTURER'S FULL COLOR LINE.
- 5. VINYL COMPOSITION TILE TO BE INSTALLED TO MATCH EXISTING CONDITION,
- 6. FOR EACH SHEET VINYL PRODUCT SPECIFIED, PROVIDE MANUFACTURER'S RECOMMENDED MATCHING WELD ROD. SUBMIT SAMPLE TO ARCHITECT FOR APPROVAL.
- 7. REFER TO THIS SHEET FOR FINISH SCHEDULE.
- 8. REFER TO SHEET 11/ID-102 FOR TYPICAL TILE PATTERN AT SHOWER AND 13/ID-102 WALL CONDITIONS, REFER TO FINISH SCHEDULE ON SHEET A-000 FOR SPECIFICATIONS.
- 9. AT ALL LOCATIONS WHERE NEW FLOOR FINISH MEETS EXISTING FLOOR FINISH, THE CONTRACTOR SHALL FLASH PATCH OR GRIND THE EXISTING FLOOR AS NECESSARY TO ALLOW FOR FINISHES TO BE FLUSH.

## **KEY PLAN**





Dept. of Veterans Affairs **Medical Center** 5000 W. National Avenue Milwaukee, WI

ARCHITECT: CLEMENT J. ZABLOCKI VA MEDICAL CENTER OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

Drawing Title PHASE 1 - 3: INTERIOR FINISH PLANS AND SCHEDULE Approved: Project Director

Rooms VA Medical Center, Milwaukee, WI Troy Martinson, PE

Project Number 111 Upgrade Pool Locker 695-14-114 Building Number **Building 111** Drawing Number ID-101

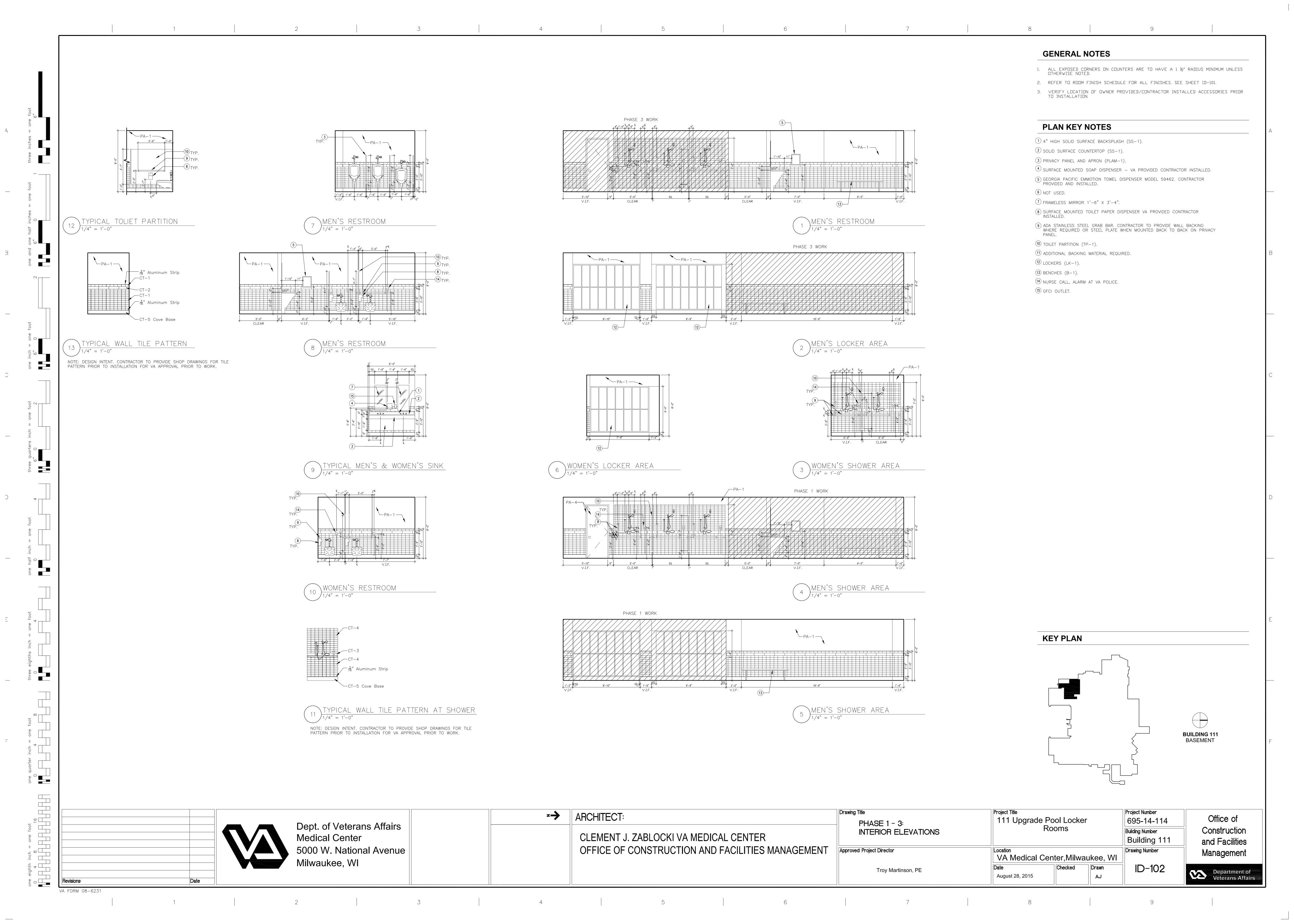
Office of Construction and Facilities Management

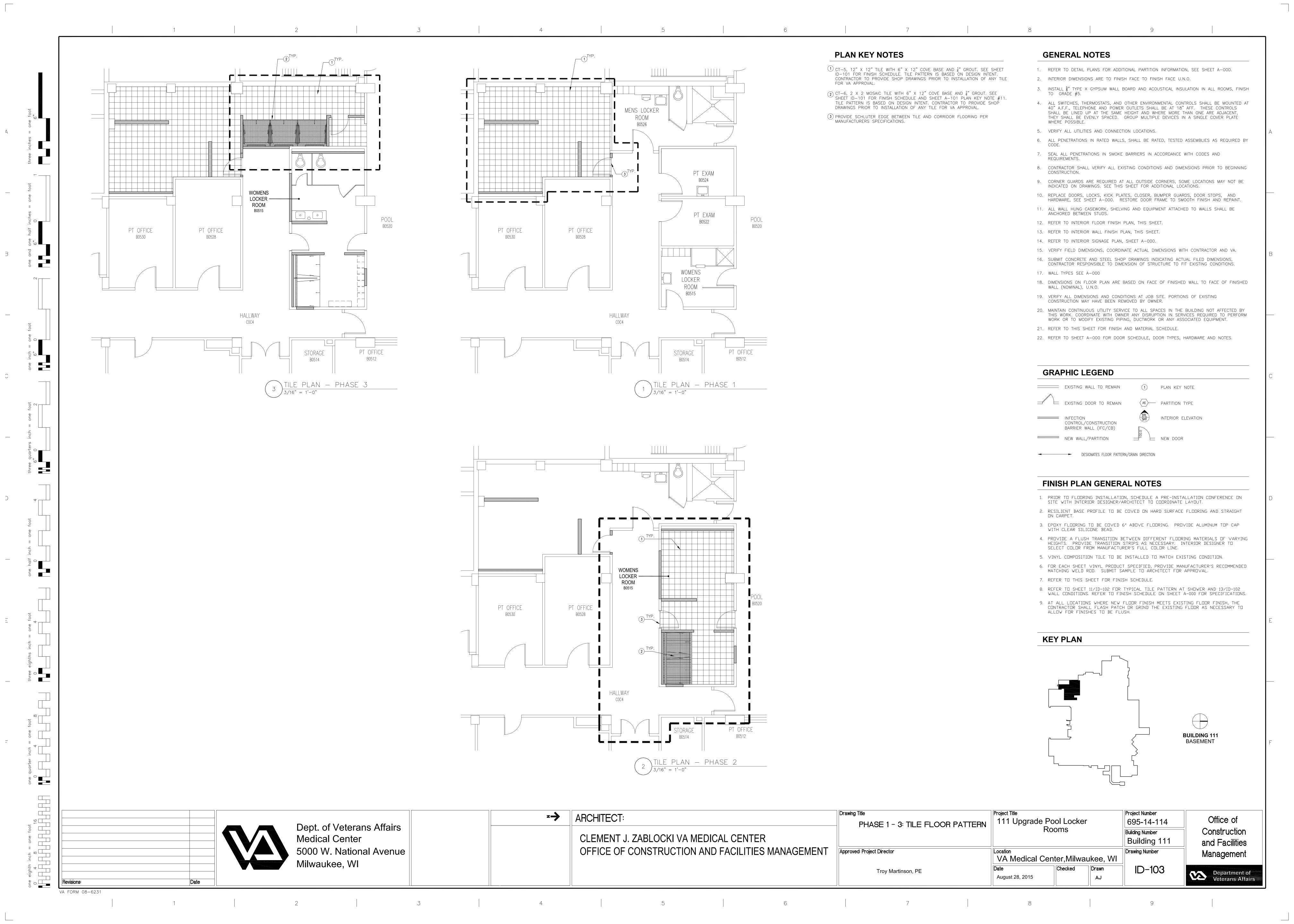
Department of Veterans Affairs

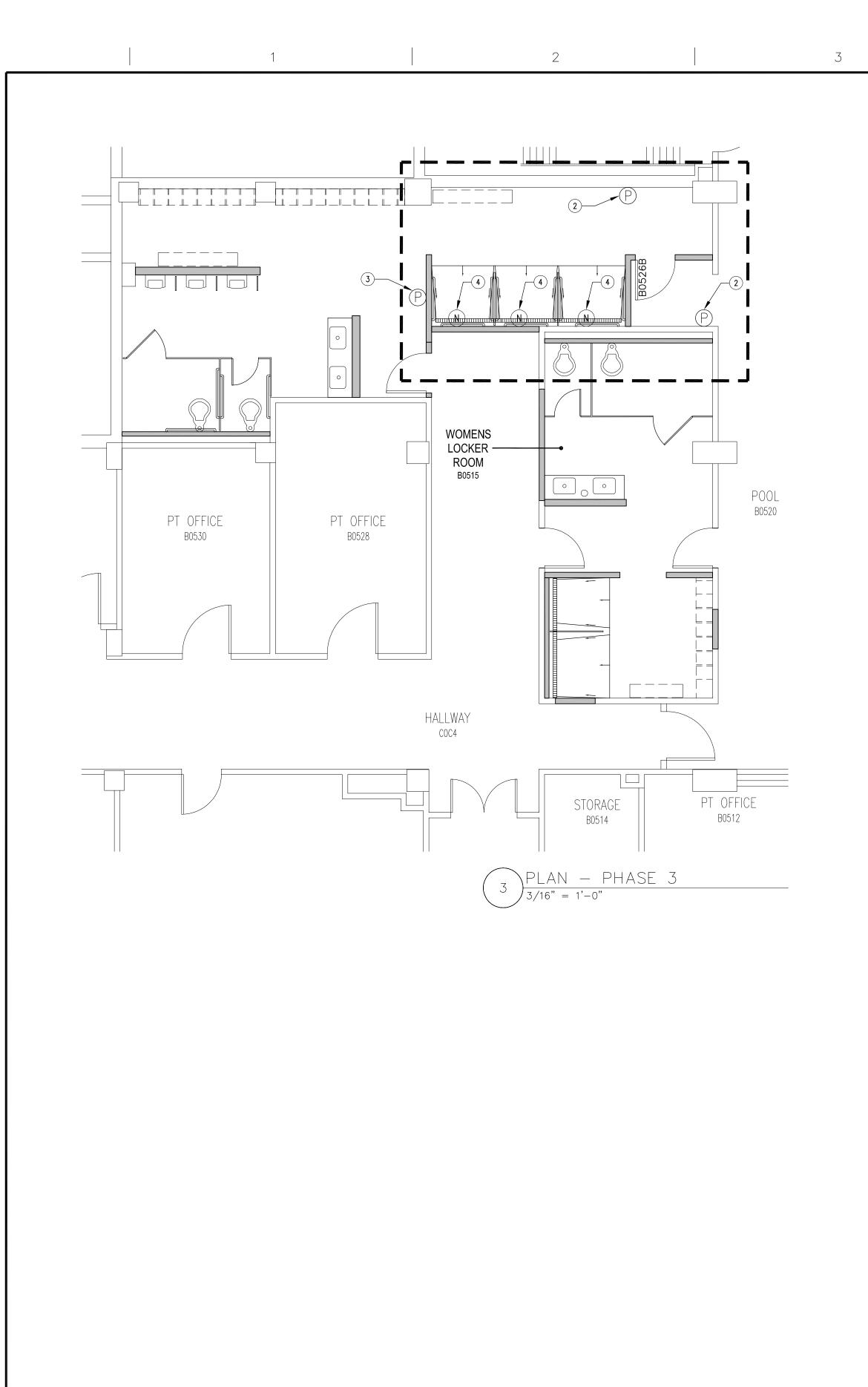
one eighth inch = one foot

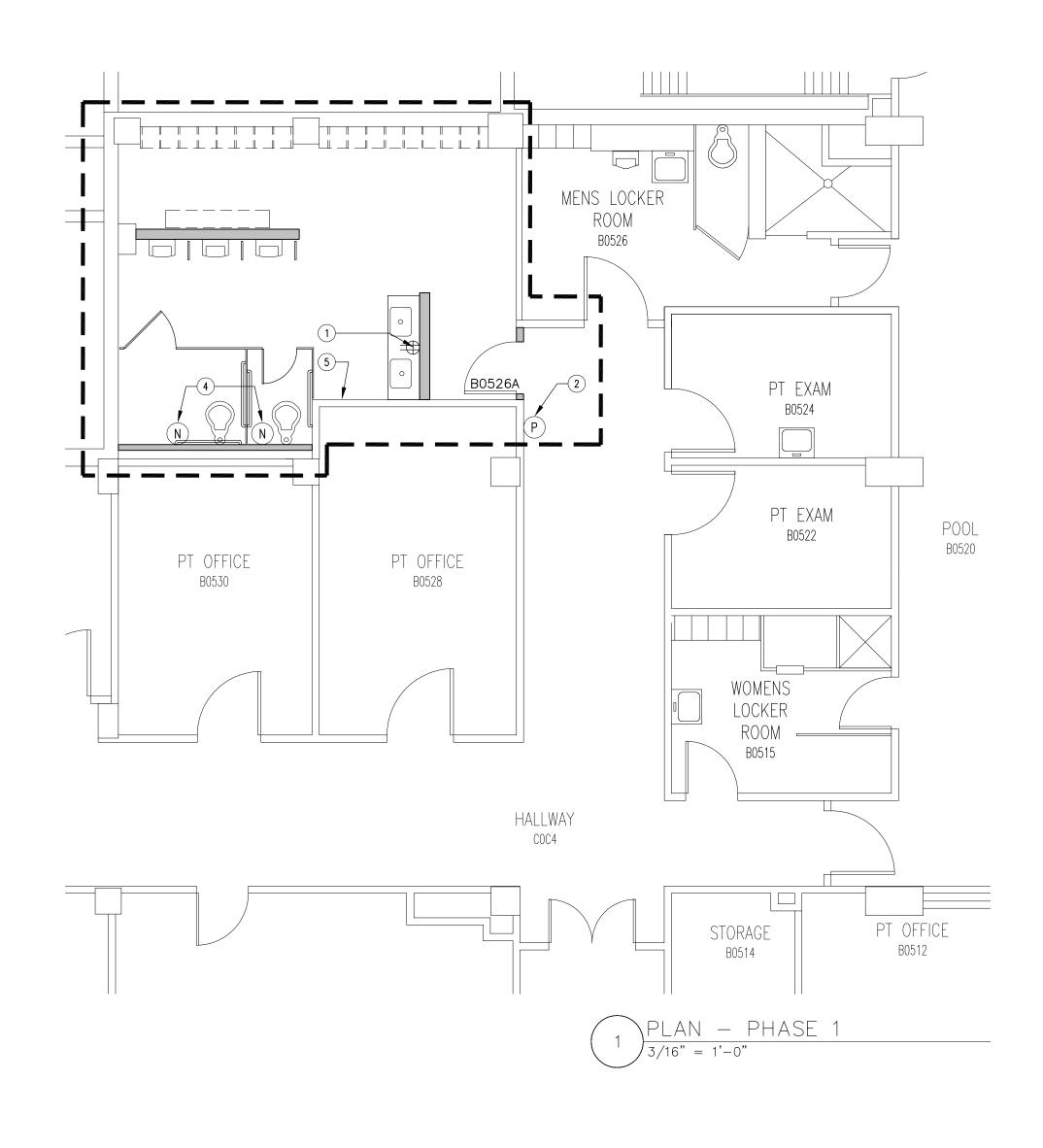
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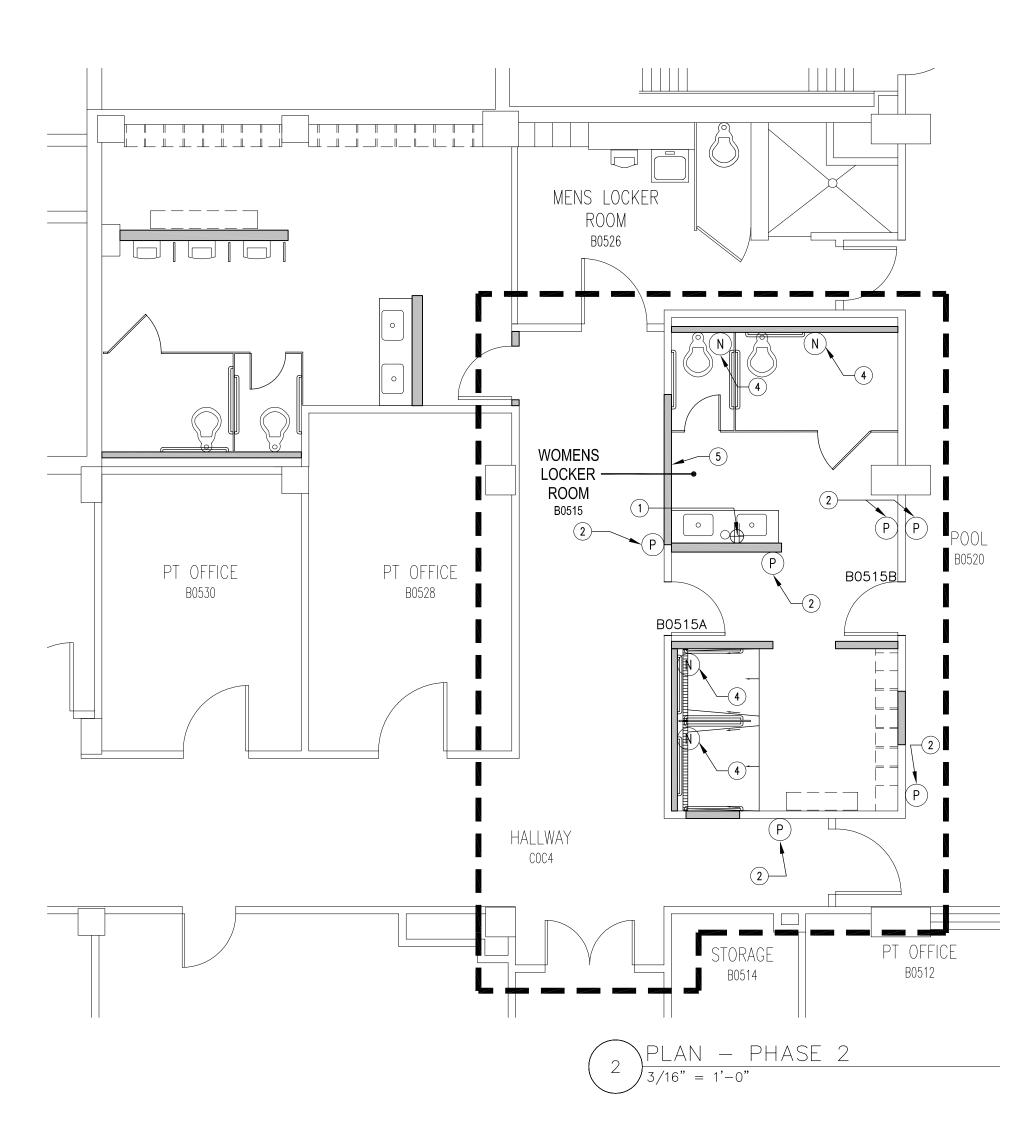
August 28, 2015



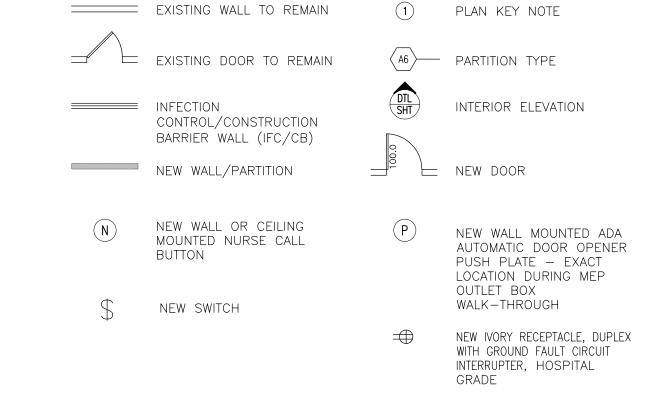








#### **GRAPHIC LEGEND**



#### **PLAN KEY NOTES**

TO ROUGH-IN.

- 1) PROVIDE (1) GFI DUPLEX OUTLET ABOVE FINISHED MILLWORK. SEE SHEET ID-102 FOR LOCATION. CONTRACTOR TO PROVIDE OUTLET LABEL SEE SHEET A-000/6. CONTRACTOR TO COORDINATE PRECISE LOCATION WITH MILLWORK PRIOR TO INSTALLATION.
- (2) PROVIDE AUTOMATIC DOOR OPENER ON BOTH PUSH AND PULL SIDE. SEE DOOR SCHEDULE ON SHEET A-000. COORDINATE PRECISE LOCATION WITH VA PRIOR TO
- (3) PROVIDE AUTOMATIC DOOR OPENER FOR DOOR B0526A WHICH WAS INSTALLED IN PHASE 1. SEE DOOR SCHEDULE ON SHEET A-000. COORDINATE PRECISE LOCATION WITH VA PRIOR TO INSTALLATION.
- 4 PROVIDE NURSE CALL BUTTON. SEE SHEET ID-102 FOR PRECISE LOCATION. (5) RELOCATED EXISTING HAND DRYER. CONTRACTOR TO ENSURE IN PROPER WORKING ORDER AND INSTALL ALL REQUIRED ELECTRICAL WIRING AND CONDUIT TO NEAREST ELECTRICAL PANEL. COORDINATE PRECISE LOCATION WITH VA PRIOR

# **ELECTRICAL GENERAL NOTES**

- 1. ALL ELECTRICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE APPLICABLE ADDITIONS OF NATIONAL ELECTRIC CODE, THE STATE BUILDING CODE, AND OTHER LOCAL, STATE OR FEDERAL CODES, ORDNANCES, OR AUTHORITATIVE INTERPRETATIONS THAT MAY APPLY. A CERTIFICATE OF FINAL ELECTRICAL INSPECTION SHALL BE OBTAINED BY THE CONTRACTOR AT THE COMPLETION OF THE WORK AND PRESENTED TO THE RESIDENT ENGINEER.
- SYSTEMS AS INDICATED ON THE CONTRACT DOCUMENTS. IT IS NOTED THAT THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENTS OF SYSTEMS AND WORK. CIRCUIT NUMBERS, INTERCONNECTIONS, HOME RUNS AND SWITCH LEGS HAVE BEEN SHOWN AND THE CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT AND WIRING AS REQUIRED TO ACCOMPLISH THE FUNCTIONS INDICATED. SPECIAL SYSTEMS DEVICES (FIRE ALARM, COMMUNICATIONS, AND SECURITY) HAVE BEEN SHOWN AND THE CONTRACTOR SHALL FURNISH AND INSTALL THE REQUIRED QUANTITIES AND TYPES OF CABLES, CONDUCTORS, RACEWAY, REMOTE POWER SUPPLIES, AND CONNECTIONS, SHIELDING REQUIREMENTS, AND ETC., AS REQUIRED BY THE SYSTEM MANUFACTURER, THE SPECIFICATIONS, AND ANY APPLICABLE CODES. ALL WIRING SHOWN ON ONE-LINE OR RISER SHALL BE FURNISHED AND INSTALLED

REGARDLESS OF WHETHER THESE ITEMS ARE SHOWN ON THE PLANS.

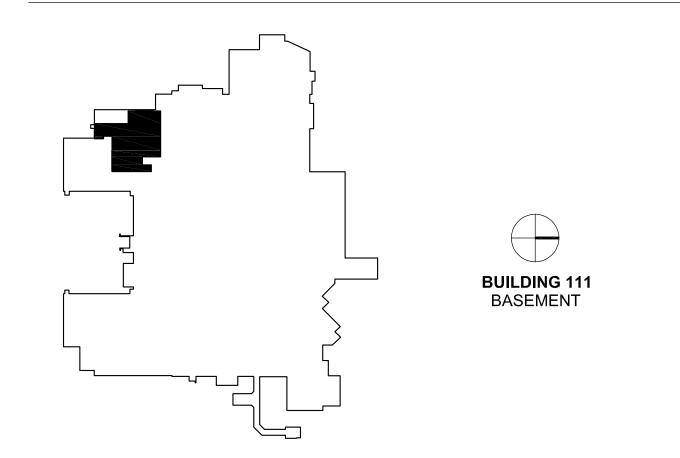
2. THE CONTRACTOR SHALL FURNISH AND INSTALL COMPLETE AND SATISFACTORY OPERATING

- 3. THE CONTRACTOR SHALL COORDINATE THE ELECTRICAL WORK WITH THE WORK OF ALL OTHER TRADES AND EXISTING CONDITIONS SO AS TO AVOID CONFLICTS. RESOLVE ALL CONFLICTS THROUGH THE RESIDENT ENGINEER PRIOR TO ROUGH-IN. FAILURE TO PROVIDE SUCH COORDINATION PRIOR TO BEING INSTALLED SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION TO THE CONTRACTOR, AND MAY RESULT IN REJECTION OF THE WORK. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE SUBSTITUTIONS WITH OTHER TRADES.
- 4. ALL MATERIALS SHALL BE NEW, SHALL BE SUITABLE FOR THE APPLICATION INTENDED AND SHALL BEAR LABELS OR MARKINGS INDICATING THIRD PARTY TESTING LABORATORY LISTINGS ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION UNLESS OTHERWISE NOTED.
- 5. VERIFY LOCATIONS OF WIRING DEVICES IN FURNISHED SPACES, MILLWORK, AND CASEWORK WITH THE ARCHITECTURAL DRAWINGS, DETAILS AND ELEVATIONS AND WITH THE OWNERS EQUIPMENT LAYOUT PRIOR TO ROUGH-IN. DEVICE BOSHES SHALL NOT BE INSTALLED BACK
- 6. ALL WIRING FOR POWER AND LIGHTING SYSTEMS SHALL BE INSTALLED IN METALLIC RACEWAY SYSTEMS UNLESS OTHERWISE NOTED. ALL CONDUCTORS SHALL BE COPPER, SHALL BE #12 AWG MINIMUM, AND SHALL HAVE 600V TYPE THHN/THWN INSULATION, UNLESS OTHERWISE NOTED. ALL RACEWAYS AND CIRCUITS SHALL INCLUDE INSULATED GROUND CONDUCTORS SIZED AS INDICATED OR AS REQUIRED BY THE NEC. MINIMUM RACEWAY SIZE SHALL BE  $\frac{1}{2}$ " UNLESS OTHERWISE NOTED.
- 7. RACEWAYS SHALL NOT CONTAIN MORE THAN THREE PHASE CONDUCTORS, THREE NEUTRALS, AND ONE GROUND CONDUCTOR, UNLESS OTHERWISE NOTED. CONTRACTOR SHALL PROVIDE SEPARATE NEUTRALS FOR ALL 20A/1P CIRCUIT BREAKERS. PROVIDING MULTI-POLE CIRCUIT BREAKERS IN CONJUNCTION WITH SHARED NEUTRALS IN A MULTI-WIRE CIRCUIT IN ACCORDANCE WITH NEC 210.4 SHALL BE APPROVED BY THE RESIDENT ENGINEER.
- 8. EXPOSED RACEWAY UP TO 8'-0" AFF OR GRADE OR ELEVATION OR ANY RACEWAY SUBJECT

TO DAMAGE SHALL BE RMC.

- 9. ALL CONNECTIONS FOR ELECTRICALLY POWERED EQUIPMENT, INCLUDING BUT NOT LIMITED TO MECHANICAL AND OWNER SUPPLIED EQUIPMENT, SHALL BE FURNISHED AND INSTALLED. WHERE NIT INDICATED AS TO BE PROVIDED WITH THE EQUIPMENT, ALL REQUIRED DISCONNECTING MEANS SHALL BE FURNISHED AND INSTALLED AS PART OF THE ELECTRICAL WORK. COORDINATE LOCATIONS OF DISCONNECTING AND CONTROLLING MEANS WITH EQUIPMENT TO MAINTAIN CODE AND INSTALLATION REQUIREMENTS.
- 10. ALL RACEWAY SHALL BE CONCEALED IN FURNISHED SPACES AND MAY BE INSTALLED EXPOSED IN MECHANICAL AND ELECTRICAL ROOMS OR AS INDICATED. ALL RACEWAY AND WIRING WHETHER CONCEALED OR EXPOSED SHALL BE RUN EITHER PERPENDICULAR OR PARALLEL TO THE BUILDING'S STRUCTURAL COMPONENTS.
- 11. PROVIDE PULL AND JUNCTION BOXES AS REQUIRED TO MEET CODE AND INSTALLATION REQUIREMENTS. PULL AND JUNCTION BOXES SHALL BE CONCEALED IN FURNISHED SPACES AND LOCATIONS SHALL BE COORDINATED WITH THE WORK OF ALL OTHER TRADES SO AS TO
- 12. ALL CONDUCTORS SHALL BE IDENTIFIED AT EACH JUNCTION BOX, OUTLET BOX, CABINET, PULL BOX ETC. WITH VINYL SELF ADHESIVE TAGS INDICATING PANEL AND CIRCUIT NUMBER, CONTROL WIRE IDENTIFICATION NUMBER, OR OTHER APPROPRIATE INFORMATION. ALL PULL AND JUNCTION BOXES SHALL BE LABELED AS TO FUNCTION.
- 13. ALL EQUIPMENT SHALL BE SECURELY FASTENED BY MEANS OF ANCHORS, RODS, HANGERS, SUPPORTS, GUIDES, SWAY BRACES AND ETC. TO MAINTAIN ALIGNMENT AND TO PREVENT EQUIPMENT MOVEMENT.
- 14. ALL PENETRATION OF FIRE OR SMOKE RATED CONSTRUCTION SHALL BE SEALED WITH FIRE STOP MATERIALS APPROVED AND LISTED FOR THE RATING OF CONSTRUCTION TO BE PENETRATED. PROVIDE DOCUMENTATION FOR ALL SUCH PENETRATION SEALING SYSTEMS FOR VERIFICATION OF PROPER INSTALLATION.
- 15. TO PREVENT PERSONNEL INJURY AND POTENTIAL SYSTEM FAILURE, ELECTRICAL WORK SHALL BE PERFORMED ON DE-ENERGIZED SYSTEMS ONLY. WHERE WORK ON EXISTING SYSTEMS WILL REQUIRE INTERRUPTION OF ELECTRICAL SERVICE, THEN TEMPORARY PROVISIONS ACCEPTABLE TO THE RESIDENT ENGINEER FOR TEMPORARY POWER SHALL BE UTILIZED UNTIL
- 16. WHERE 20A, 120V LIGHTING AND POWER CIRCUIT LENGTHS EXCEED 150 FEET, PROVIDE #10, PHASE AND NEUTRAL CONDUCTORS WITH #10 GND IN MINIMUM  $\frac{3}{4}$ " CONDUIT.
- 17. ALL RECEPTACLES SHALL BE DUPLEX NEMA 5-20R AND UL LISTED AS HOSPITAL GRADE UNLESS OTHERWISE NOTED
- 18. INSTALL RECEPTACLE OUTLETS 18" AFF OR 6" ABOVE COUNTER TOP AS MEASURED TO THE CENTER OF THE BOX.
- 19. PROVIDE ALL NEW WIRING, SWITCHES, RECEPTACLES, CONDUIT, J-BOXES, ITEMS MAY BE REUSED IF THEY MEET CODE AND ARE IN GOOD CONDITION.
- 20. CONTRACTOR TO COORDINATE WITH VA FOR PANEL LOCATION OF NEW ELECTRICAL
- 21. CONTRACTOR IS RESPONSIBLE FOR LOWERING ALL FIRE DETECTION SYSTEMS AND OTHER OPERATIONAL SYSTEMS TO THE NEW ACT OR GYPSUM BOARD CEILINGS.
- 22. CONTRACTOR TO PROVIDE ELECTRICAL AND FIRE ALARM TIE IN TO DOORS ON MAGNETIC HOLD OPEN - SEE DOOR SCHEDULE SHEET A-000. ALL WIRING TO BE FINISHED IN DRYWALL
- 23. CONTRACTOR TO PROVIDE ELECTRICAL OUTLET LABEL FOR OUTLETS AS DESCRIBED IN SPECIFICATIONS AND SHEET A-000/6. 24. ALL MEP IS DESIGN BUILD.

# **KEY PLAN**



Project Number Office of 111 Upgrade Pool Locker 695-14-114 PHASE 1 - 3: ELECTRICAL Rooms POWER PLANS Building Number **Building 111** Approved: Project Director Drawing Number VA Medical Center, Milwaukee, WI Troy Martinson, PE

Construction and Facilities Management

Dept. of Veterans Affairs **Medical Center** 5000 W. National Avenue Milwaukee, WI

ARCHITECT: CLEMENT J. ZABLOCKI VA MEDICAL CENTER OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

Drawing Title

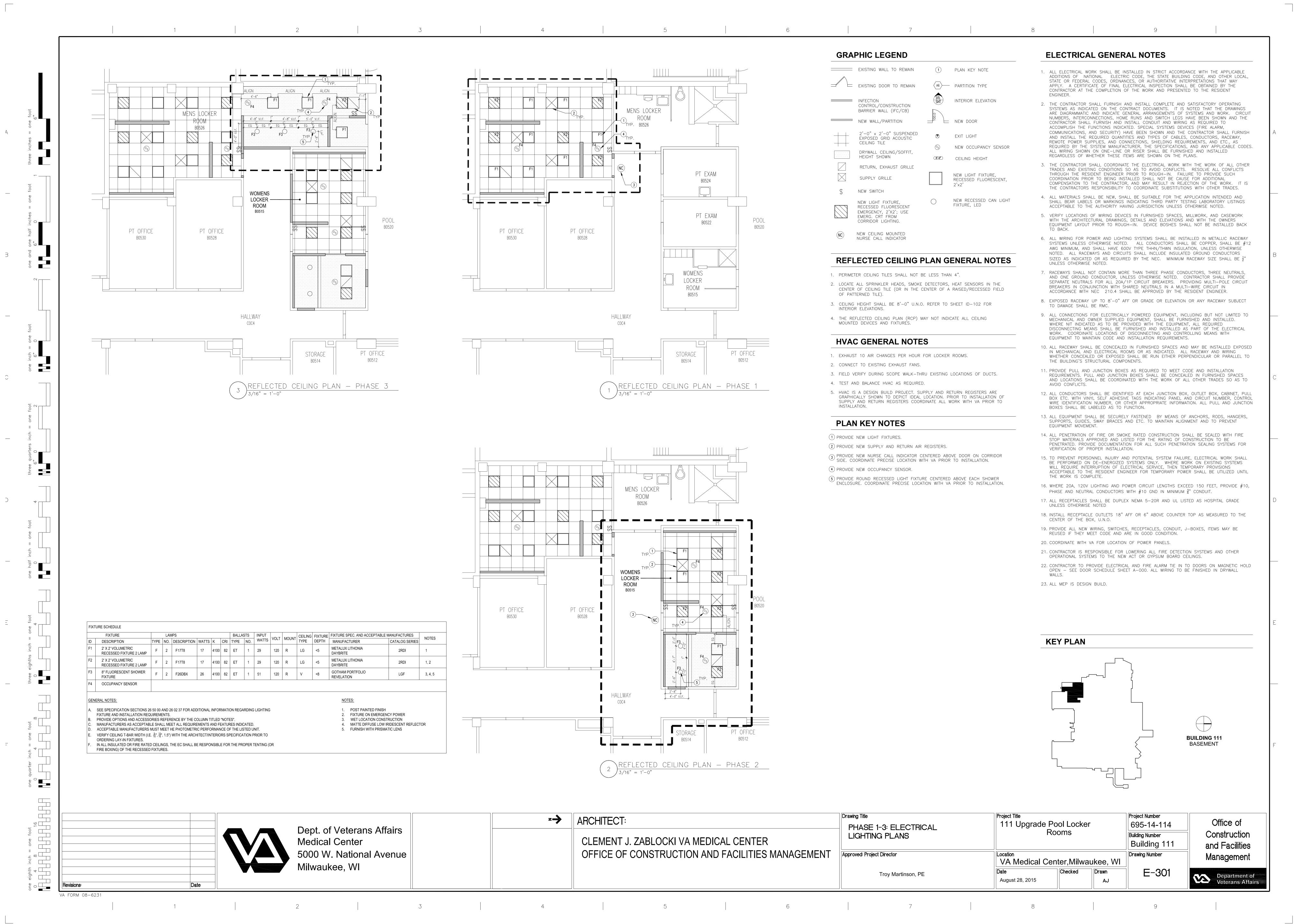
August 28, 2015

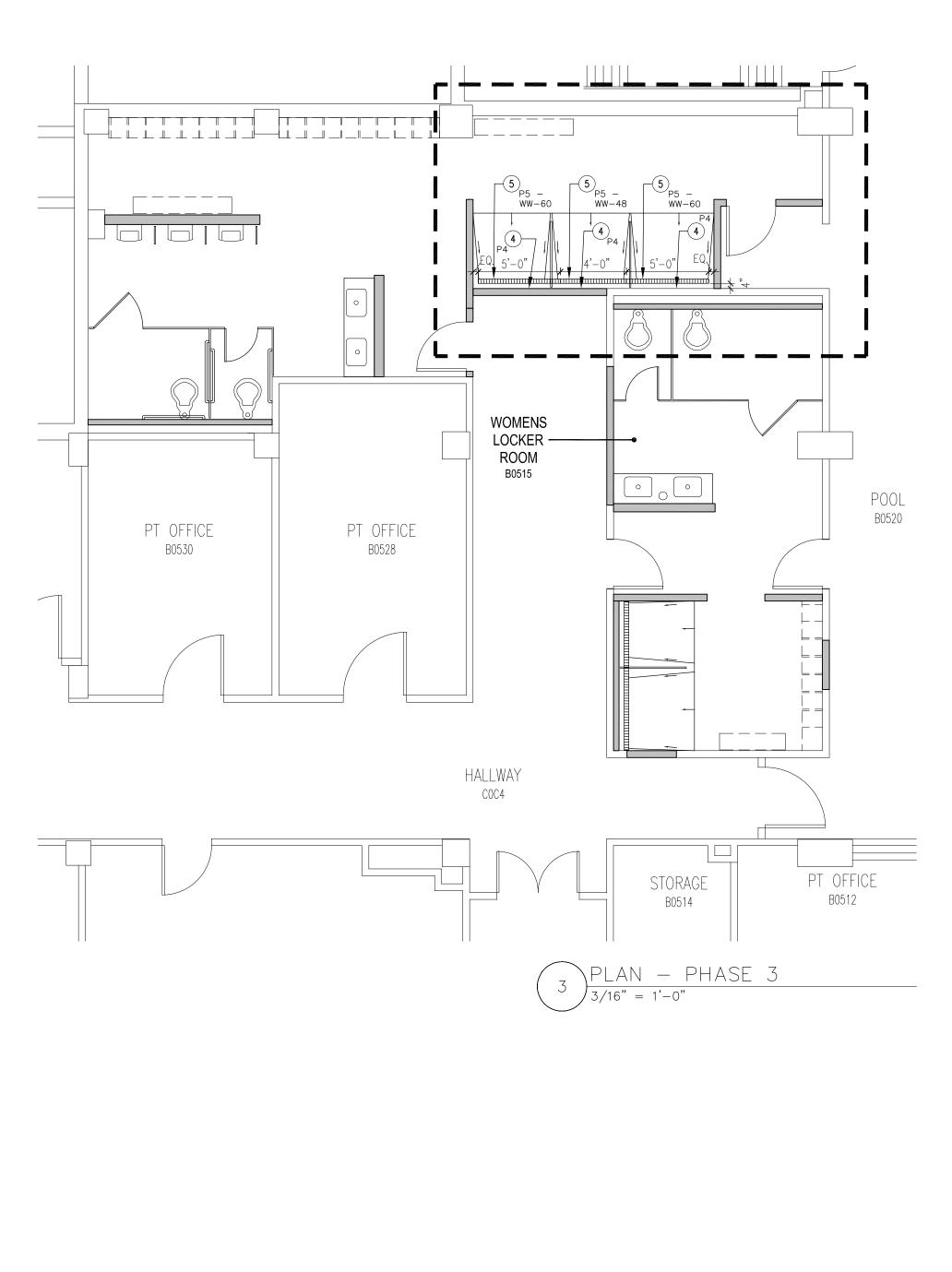
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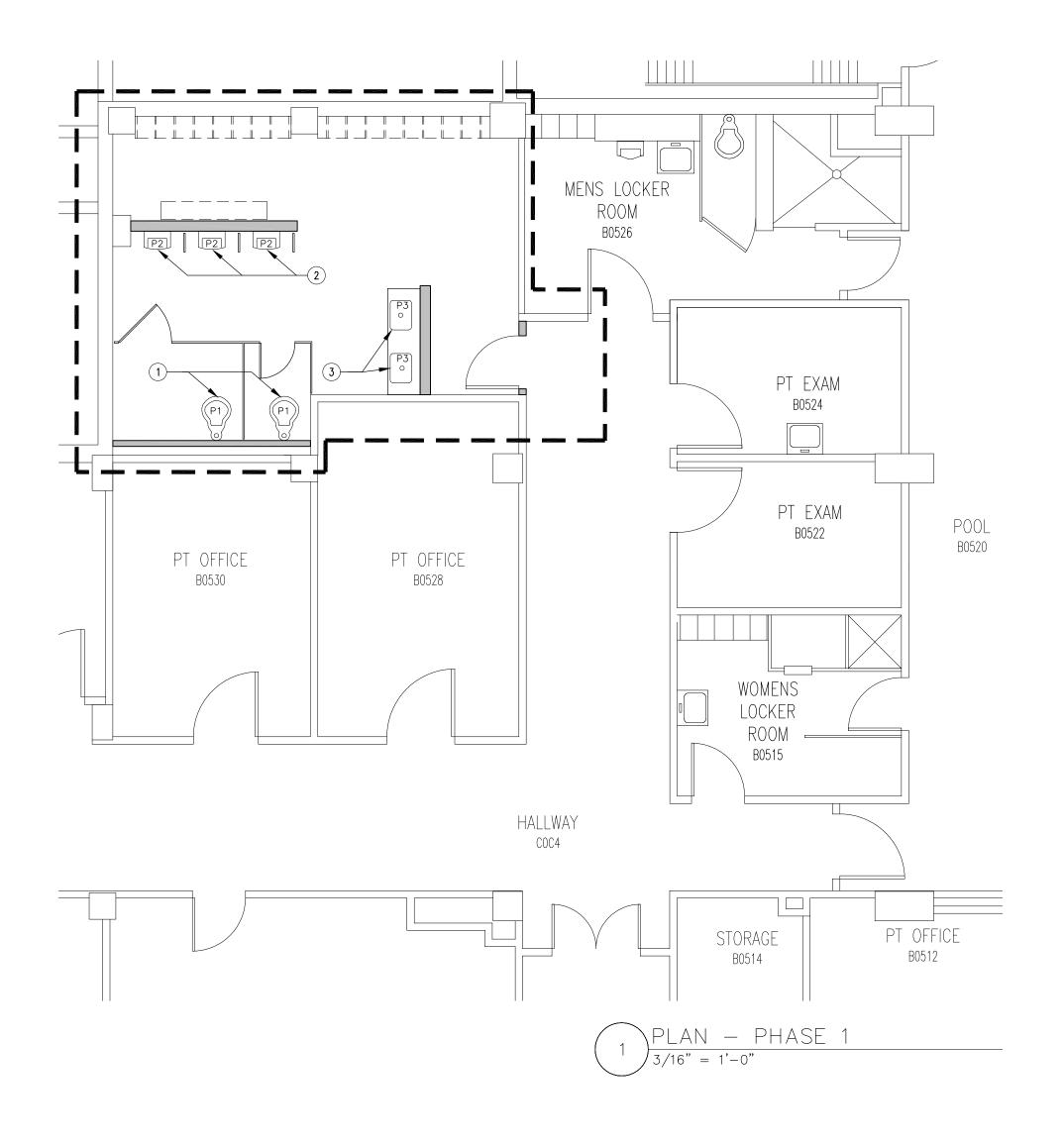
Department of Veterans Affairs

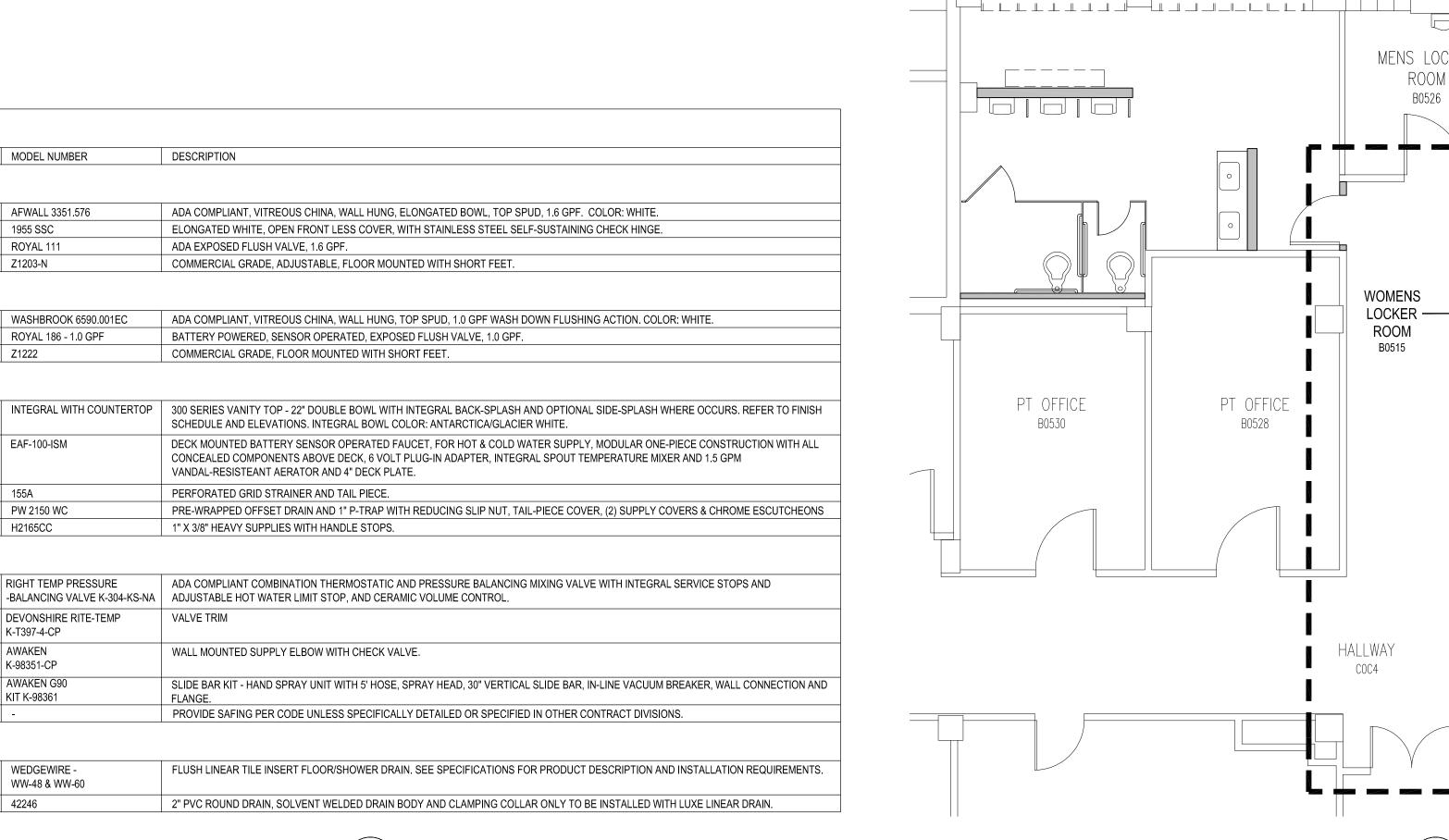
one eighth inch = one foot

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## **PLAN KEY NOTES**

ELEVATIONS AND DIMENSIONS.

- VENT LINES, AND ALL CODE REQUIRED ASSOCIATED PIPING CONNECTIONS FOR NEW PLUMBING FIXTURES TO EXISTING FACILITY PLUMBING SYSTEMS BELOW FLOOR. CONTRACTOR TO VERIFY ALL CONNECTIONS REQUIRED IN SUB-BASEMENT. SEE PLUMBING SCHEDULE THIS SHEET AND SHEET ID-102 FOR ELEVATIONS AND
- 2) INSTALL NEW URINAL (P2) AND ALL PLUMBING CONNECTIONS, P-TRAPS, VENT LINES, AND ALL CODE REQUIRED ASSOCIATED PIPING CONNECTIONS FOR NEW PLUMBING FIXTURES TO EXISTING FACILITY PLUMBING SYSTEMS BELOW FLOOR. CONTRACTOR TO VERIFY ALL CONNECTIONS REQUIRED IN SUB-BASEMENT. SEE PLUMBING SCHEDULE THIS SHEET AND SHEET ID-102 FOR ELEVATIONS AND DIMENSIONS.
- INSTALL NEW LAVATORY (P3) AND ALL PLUMBING CONNECTIONS, P-TRAPS, VENT UNES, AND ALL CODE RÈQUIRED ASSOCIATED PIPING CONNECTIONS FOR NEW PLUMBING FIXTURES TO EXISTING FACILITY PLUMBING SYSTEMS BELOW FLOOR. CONTRACTOR TO VERIFY ALL CONNECTIONS REQUIRED IN SUB-BASEMENT. SEE PLUMBING SCHEDULE THIS SHEET AND SHEET ID-102 FOR ELEVATIONS AND DIMENSIONS.
- (4) INSTALL NEW SHOWER ASSEMBLY (P4) AND ALL PLUMBING CONNECTIONS, P-TRAPS, VENT LINES, AND ALL CODE REQUIRED ASSOCIATED PIPING CONNECTIONS FOR NEW PLUMBING FIXTURES TO EXISTING FACILITY PLUMBING SYSTEMS BELOW FLOOR. CONTRACTOR TO VERIFY ALL CONNECTIONS REQUIRED IN SUB-BASEMENT. SEE PLUMBING SCHEDULE THIS SHEET AND SHEET ID-102 FOR
- (5) INSTALL NEW LUXE LINEAR FLOOR DRAIN (P5) AND ALL PLUMBING CONNECTIONS, P-TRAPS, VENT LINES, AND ALL CODE REQUIRED ASSOCIATED PIPING CONNECTIONS FOR NEW PLUMBING FIXTURES TO EXISTING FACILITY PLUMBING SYSTEMS BELOW FLOOR. CONTRACTOR TO VERIFY ALL CONNECTIONS REQUIRED IN SUB-BASEMENT. SEE PLUMBING SCHEDULE THIS SHEET.
- (6) NEW LUXE LINEAR FLOOR DRAIN SHALL BE INSTALLED FLUSH WITH FINISHED FLOOR. PLUMBING CONTRACTOR TO COORDINATE INSTALLATION WITH FLOORING CONTRACTOR AND REFER TO SHEET A-101 FOR DIMENSIONAL LOCATION.

# PLUMBING GENERAL NOTES

- 1. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK.
- 2. REFER TO PROJECT MANUAL FOR SPECIFICATIONS AND OTHER CONTRACT REQUIREMENTS.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING ALL QUANTITIES, SIZES, CAPACITIES, ACCESSORIES, SEQUENCES, MATERIALS, MEANS AND METHODS, PERFORMANCE, FABRICATION PROCESSES, AND TECHNIQUES OF FABRICATION PROCESSES, AND TECHNIQUES OF CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THAT OF OTHER TRADES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DESIGN/BUILD CHANGES, EQUIPMENT SUBSTITUTIONS, AND VALUE ENGINEERING CHANGES PERFORMED BY THE CONTRACTOR.
- 4. DO NOT SCALE DRAWINGS FOR DRAIN LOCATIONS NEAR OR SERVING EQUIPMENT. OBTAIN EQUIPMENT PAD LOCATIONS AND EQUIPMENT CONNECTION REQUIREMENTS FROM OTHER CONTRACT DIVISIONS PRIOR TO LOCATING DRAINS.
- 5. SEAL ALL PIPING PENETRATIONS AIR TIGHT THRU WALLS, FLOORS, OR PARTITIONS IDENTIFIED AS SOUND WALLS, SMOKE TIGHT WALLS, FIRE BARRIERS, SMOKE BARRIERS, SHAFTS OR FIRE RATED CONSTRUCTION INDICATED ON THE ARCHITECTURAL LIFE SAFETY DRAWINGS. MAINTAIN ALL DESIGNATED FIRE RATINGS, SMOKE AND UL LISTINGS.
- 6. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR FINAL LOCATIONS OF CEILING MOUNTED EQUIPMENT.
- 7. COORDINATE ALL PIPE CONNECTIONS REQUIRED FOR OWNER FURNISHED EQUIPMENT. PROVIDE SHUT-OFF VALVES, WATER FILTERS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION AND RECOMMENDED BY EQUIPMENT MANUFACTURER. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT
- 8. INSTALL SHUT-OFF VALVES, CONTROL VALVES, DRAIN VALVE, AIR VENTS, AND ACCESSORIES IN
- ACCESSIBLE LOCATIONS. DEVICES LOCATED ABOVE CEILING TO MAINTAIN ACCESSIBILITY. 9. PROVIDE VALVE HANDLE EXTENSIONS FOR ALL VALVES SERVING INSULATED PIPING. ALL VALVE
- HANDLES MUST BE AT LEAST 1" ABOVE THE TOP OF THE SURFACE OF THE INSULATION. 10. EXPOSED PIPING IN OCCUPIED ROOMS WITH SUSPENDED CEILINGS IS PROHIBITED.
- 11. PRIOR TO MAKING ANY NEW PLUMBING FLOOR PENETRATIONS IN EXISTING BUILDINGS, X-RAY
- THE EXISTING CONSTRUCTION TO AVOID INTERFERENCES WITH STEEL REINFORCEMENT. COORDINATE WITH THE GENERAL CONTRACTOR. 12. AREAS OF THE BUILDING UTILIZING THE SPACE ABOVE SUSPENDED CEILINGS AND MECHANICAL
- MATERIALS WITHIN PLENUMS. 13. DESIGN OF ALL PLUMBING EQUIPMENT SUPPORTS SHALL BE THE RESPONSIBILITY OF THE

EQUIPMENT ROOMS AS RETURN AIR PLENUMS SHALL COMPLY WITH NFPA 90A FOR ALLOWABLE

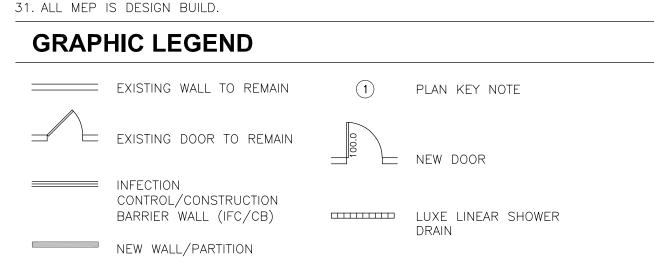
- PLUMBING CONTRACTOR. 14. REFER TO THE SITE UTILITY DRAWINGS FOR CONTINUATION OF THE BUILDING WATER AND
- SEWER LATERALS EXTENDING BEYOND 5 FEET FROM THE BUILDING. 15. POWDER-ACTUATED ANCHORS ARE PROHIBITED.
- 16. RING AND CLEVIS PIPE HANGERS SHALL BE OVERSIZED TO ACCOMMODATE THE OUTSIDE DIAMETER OF THE PIPE INSULATION.
- 17. ALL PIPE INSULATION ENDS SHALL BE SEALED AT THRU-WALL AND IN-WALL STUD FRAMING
- 18. ALL NON-INSULATED PIPING WITHIN WALLS SHALL HAVE GROMMETS INSTALLED AT PENETRATIONS THRU WALL FRAMING.
- 19. ALL LOW VOLTAGE WIRING SHALL BE INSTALLED WITHIN LABELED CONDUIT AND COMPLY WITH ELECTRICAL SPECIFICATION REQUIREMENTS.
- 20. PROVIDE MINIMUM 3 FEET OF CLEARANCE FOR ALL FLOOR MOUNTED PLUMBING EQUIPMENT
- REQUIRING REGULAR MAINTENANCE. 21. LOCATE PLUMBING ROOF VENTS AND VACUUM EXHAUST PIPING A MINIMUM OF 25 FEET FROM
- OUTSIDE AIR INTAKE LOUVERS AND MEDICAL AIR INLET PIPING. 22. PROVIDE SWING CHECK VALVES ON HOT AND COLD WATER BRANCH PIPING SERVING JANITOR
- CLOSET MOP SINKS. 23. ALL ROUGH-IN PIPING, VALVES, DEVICES, AND ACCESSORIES FOR ICE MAKERS AND COFFEE
- MAKERS SHALL BE LOCATED BELOW COUNTERTOPS. 24. CONTRACTOR SHALL VERIFY THE PRESENCE OF ALL EXISTING PIPING IN THE SLAB PRIOR TO
- BEGINNING ANY WORK. 25. CONTRACTOR TO VERIFY ALL FIELD DIMENSIONS, COORDINATE ACTUAL DIMENSIONS WITH
- CONSTRUCTION DOCUMENTS. 26. CONTRACTOR TO SUBMIT CONCRETE AND STEEL SHOP DRAWINGS INDICATING ACTUAL FIELD
- DIMENSIONS, CONTRACTOR IS RESPONSIBLE TO ENSURE CONCRETE AND STEEL TO FIT EXISTING 27. CONTRACTOR TO LOCATE AND IDENTIFY EXISTING DOMESTIC COLD AND HOT WATER SUPPLY
- 28. CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR FOR DESIGN AND IMPLEMENTATION

AND RETURN, SANITARY SEWER AND VENT. DRAWINGS MERELY REPRESENTS INTENT OF PLUMBING SYSTEM. REFER TO AVAILABLE DRAWINGS FOR EXISTING CONDITIONS NOT INCLUDED

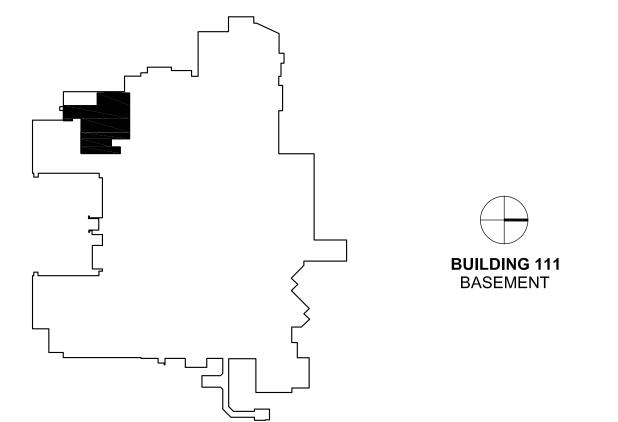
- 29. IDENTIFICATION OF SUB-BASEMENT PLUMBING WORK WILL BE COORDINATED THRU A PRE-CONSTRUCTION WALK-THRU.
- 30. CONTRACTOR TO SCAN FLOOR PRIOR TO ANY CORING.

OF PROPER PLUMBING SYSTEM TO TIE INTO EXISTING SYSTEMS.

PENETRATIONS.



# **KEY PLAN**



Project Number

695-14-114

**Building 111** 

|  | BUILDING 111 BASEMENT |
|--|-----------------------|
|  |                       |

PLUMBING FIXTURE SCHEDULE

| FLUSH VALVE | SLOAN

TRAP W/DRAINS | McGUIRE

McGUIRE

FLUSH VALVE

LAVATORY

SUPPLIES

one eighth inch = one foot

0 4 8 16

MANUFACTURER

| WATER CLOSET | AMERICAN STANDARD | AFWALL 3351.576

MODEL NUMBER

ROYAL 111

**ROYAL 186 - 1.0 GPF** 

EAF-100-ISM

PW 2150 WC

K-T397-4-CP

K-98351-CP AWAKEN G90

KIT K-98361

WW-48 & WW-60

LUXE LINEAR DRAINS | WEDGEWIRE -

DEVONSHIRE RITE-TEMP

AMERICAN STANDARD | WASHBROOK 6590.001EC

DESCRIPTION

Dept. of Veterans Affairs **Medical Center** 5000 W. National Avenue Milwaukee, WI

ARCHITECT: CLEMENT J. ZABLOCKI VA MEDICAL CENTER OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

PLAN - PHASE 2

Drawing Title PHASE 1 - 3: PLUMBING FLOOR PLANS AND SCHEDULE Approved: Project Director

Troy Martinson, PE

111 Upgrade Pool Locker Rooms

Building Number Drawing Number VA Medical Center, Milwaukee, WI

Office of Construction and Facilities Management

August 28, 2015

P-101 ΑJ

Department of Veterans Affairs